



NEET UG 2024

QUESTION PAPER

Paper Code T5



**CLICK HERE TO JOIN OUR TELEGRAM
CHANNEL FOR MORE AMAZING CONTENT**



NEET 2024

ANSWER KEY (Code - T5)

5th May 2024 (Sunday)



Highest Selection Ratio (NEET)

Total Student Qualified in 2023

$$6492 / 7084 = 91.64\%$$

Total Student Qualified in 2022

$$4837 / 5356 = 90.31\%$$

मोशन है, तो
भरोसा है।

NAVYA MISHRA

Rank- 71 (NEET-2023)

MOTION



Answer Key (Code T5)

Q. No.	Ans.	Q. No.	Ans.	Q. No.	Ans.	Q. No.	Ans.	Q. No.	Ans.	Q. No.	Ans.	Q. No.	Ans.	Q. No.	Ans.
1	4	26	3	51	1	76	3	101	1	126	3	151	4	176	2
2	1	27	4	52	4	77	2	102	4	127	4	152	2	177	1
3	3	28	1	53	4	78	1	103	4	128	2	153	1	178	2
4	2	29	2	54	3	79	3	104	3	129	3	154	1	179	2
5	4	30	1	55	1	80	2	105	3	130	4	155	2	180	2
6	2	31	4	56	1	81	1	106	1	131	3	156	1	181	4
7	3	32	2	57	1	82	3	107	1	132	2	157	1	182	2
8	3	33	2	58	3	83	4	108	1	133	1	158	3	183	2
9	3	34	4	59	2	84	2	109	1	134	4	159	3	184	4
10	3	35	3	60	4	85	3	110	1	135	4	160	4	185	4
11	2	36	3	61	3	86	3	111	3	136	4	161	4	186	3
12	4	37	4	62	2	87	2	112	1	137	4	162	4	187	4
13	3	38	2	63	2	88	2	113	3	138	3	163	4	188	1
14	4	39	4	64	2	89	4	114	4	139	3	164	2	189	1
15	2	40	4	65	3	90	3	115	2	140	2	165	1	190	3
16	1	41	4	66	3	91	3	116	1	141	4	166	1	191	2
17	1	42	4	67	3	92	3	117	1	142	1	167	1	192	3
18	4	43	1	68	3	93	3	118	4	143	4	168	3	193	3
19	3	44	4	69	3	94	2	119	3	144	4	169	3	194	2
20	3	45	3	70	4	95	4	120	1	145	1	170	4	195	2
21	1	46	4	71	4	96	4	121	2	146	1	171	2	196	3
22	2	47	4	72	2	97	3	122	2	147	1	172	4	197	1
23	3	48	1	73	3	98	2	123	3	148	4	173	1	198	1
24	4	49	2	74	1	99	4	124	2	149	3	174	3	199	2
25	4	50	4	75	3	100	3	125	1	150	3	175	4	200	3

Get Scholarship on the basis of **NEET 2024** Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE Spin the wheel and get upto 65% Scholarship  Scan QR Code
551-600	29,000	
501-550	43,500	
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : **13th & 29th May 2024**



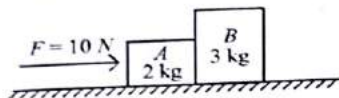
Physics : Section-A (Q. No. 1 to 35)

- 1 A bob is whirled in a horizontal plane by means of a string with an initial speed of ω rpm. The tension in the string is T . If speed becomes 2ω while keeping the same radius, the tension in the string becomes :

- (1) $\frac{T}{4}$ (2) $\sqrt{2}T$
(3) T (4) $4T$

- 2 A horizontal force 10 N is applied to a block A as shown in figure. The mass of blocks A and B are 2 kg and 3 kg , respectively. The blocks slide over a frictionless surface. The force exerted by block A on block B is :

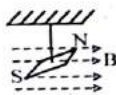
- (1) 6 N (2) 10 N
(3) zero (4) 4 N



- 3 The maximum elongation of a steel wire of 1 m length if the elastic limit of steel and its Young's modulus, respectively, are $8 \times 10^8\text{ N m}^{-2}$ and $2 \times 10^{11}\text{ N m}^{-2}$, is :

- (1) 40 mm (2) 8 mm
(3) 4 mm (4) 0.4 mm

- 4 In a uniform magnetic field of 0.049 T , a magnetic needle performs 20 complete oscillations in 5 seconds as shown. The moment of inertia of the needle is $9.8 \times 10^{-6}\text{ kg m}^2$. If the magnitude of magnetic moment of the needle is $x \times 10^{-5}\text{ Am}^2$; then the value of ' x ' is :



- (1) $50\pi^2$ (2) $1280\pi^2$
(3) $5\pi^2$ (4) $128\pi^2$

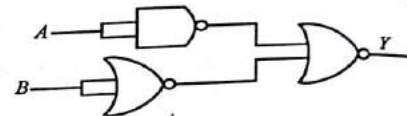
- 5 If c is the velocity of light in free space, the correct statements about photon among the following are :

- A. The energy of a photon is $E = h\nu$.
B. The velocity of a photon is c .
C. The momentum of a photon, $p = \frac{h\nu}{c}$.
D. In a photon-electron collision, both total energy and total momentum are conserved.
E. Photon possesses positive charge.

Choose the correct answer from the options given below :

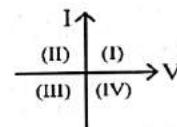
- (1) A, C and D only
(2) A, B, D and E only
(3) A and B only
(4) A, B, C and D only

- 6 The output (Y) of the given logic gate is similar to the output of an/a :



- (1) OR gate (2) AND gate
(3) NAND gate (4) NOR gate

- 7 Consider the following statements A and B and identify the correct answer :



- A. For a solar-cell, the I-V characteristics lies in the IV quadrant of the given graph.
B. In a reverse biased pn junction diode, the current measured in (μA) , is due to majority charge carriers.
(1) Both A and B are correct.
(2) Both A and B are incorrect.
(3) A is correct but B is incorrect.
(4) A is incorrect but B is correct.

T5_English 1

2

[Contd.]

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code



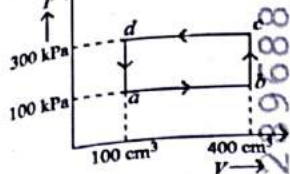
NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



A thermodynamic system is taken through the cycle $abcd$. The work done by the gas along the path bc is :



- (1) -90 J (2) -60 J
(3) zero (4) 30 J

A thin flat circular disc of radius 4.5 cm is placed gently over the surface of water. If surface tension of water is 0.07 Nm^{-1} , then the excess force required to take it away from the surface is :

- (1) 1.98 mN (2) 99 N
(3) 19.8 mN (4) 198 N

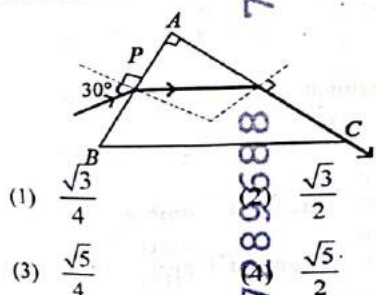
At any instant of time t , the displacement of any particle is given by $2t - 1$ (SI unit) under the influence of force of 5 N . The value of instantaneous power is (in SI unit):

- (1) 7 (2) 6
(3) 10 (4) 5

${}_{82}^{290}\text{X} \xrightarrow{\alpha} \text{Y} \xrightarrow{e^+} \text{Z} \xrightarrow{\beta^-} \text{P} \xrightarrow{e^-} \text{Q}$
In the nuclear emission stated above, the mass number and atomic number of the product Q respectively, are :

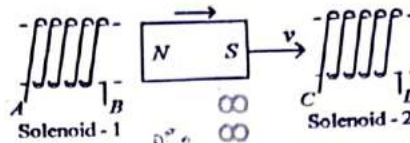
- (1) 288, 82 (2) 286, 81
(3) 280, 81 (4) 286, 80

A light ray enters through a right angled prism at point P with the angle of incidence 30° as shown in figure. It travels through the prism parallel to its base BC and emerges along the face AC. The refractive index of the prism is:



- (1) $\frac{\sqrt{3}}{4}$ (2) $\frac{\sqrt{3}}{2}$
(3) $\frac{\sqrt{5}}{4}$ (4) $\frac{\sqrt{5}}{2}$

13



In the above diagram, a strong bar magnet is moving towards solenoid-2 from solenoid-1. The direction of induced current in solenoid-1 and that in solenoid-2, respectively, are through the directions:

- (1) AB and CD (2) BA and DC
(3) AB and DC (4) BA and CD

14

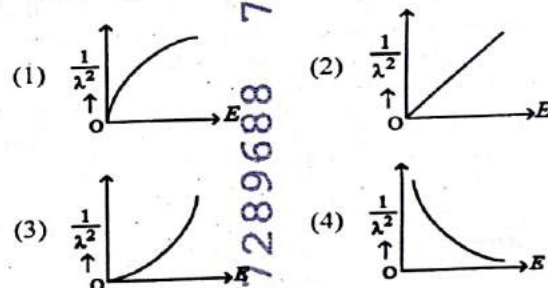
In an ideal transformer, the turns ratio is $\frac{N_p}{N_s} = \frac{1}{2}$.

The ratio $V_s : V_p$ is equal to (the symbols carry their usual meaning):

- (1) 1 : 1 (2) 1 : 4
(3) 1 : 2 (4) 2 : 1

15

The graph which shows the variation of $\left(\frac{1}{\lambda^2}\right)$ and its kinetic energy E is (where λ is de Broglie wavelength of a free particle):



16

If the monochromatic source in Young's double slit experiment is replaced by white light, then

- (1) there will be a central bright white fringe surrounded by a few coloured fringes.
(2) all bright fringes will be of equal width.
(3) interference pattern will disappear.
(4) there will be a central dark fringe surrounded by a few coloured fringes.

T5_English]

3

[Contd...

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



- 17 Given below are two statements: one is labelled as Assertion A and the other is labelled as Reason R.

Assertion A : The potential (V) at any axial point, at 2 m distance(r) from the centre of the dipole of dipole moment vector $\vec{P}$ of magnitude, $4 \times 10^{-6} \text{ C m}$, is $\pm 9 \times 10^3 \text{ V}$.

(Take $\frac{1}{4\pi\epsilon_0} = 9 \times 10^9 \text{ SI units}$)

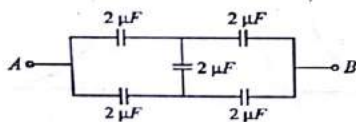
Reason R : $V = \pm \frac{2P}{4\pi\epsilon_0 r^2}$, where r is the

distance of any axial point, situated at 2 m from the centre of the dipole.

In the light of the above statements, choose the correct answer from the options given below:

- (1) A is true but R is false.
 - (2) A is false but R is true.
 - (3) Both A and R are true and R is the correct explanation of A.
 - (4) Both A and R are true and R is NOT the correct explanation of A.
- 18 Two bodies A and B of same mass undergo completely inelastic one dimensional collision. The body A moves with velocity v_1 while body B is at rest before collision. The velocity of the system after collision is v_2 . The ratio $v_1 : v_2$ is :
- (1) 4:1
 - (2) 1:4
 - (3) 1:2
 - (4) 2:1

- 19 In the following circuit, the equivalent capacitance between terminal A and terminal B is :



- (1) $0.5 \mu F$
 - (2) $4 \mu F$
 - (3) $2 \mu F$
 - (4) $1 \mu F$
- 20 The quantities which have the same dimensions as those of solid angle are :
- (1) strain and arc
 - (2) angular speed and stress
 - (3) strain and angle
 - (4) stress and angle

- 21 A logic circuit provides the output Y as per the following truth table :

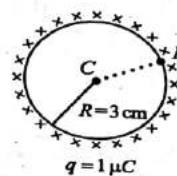
A	B	Y
0	0	1
0	1	0
1	0	1
1	1	0

The expression for the output Y is :

- (1) $\bar{B}$
- (2) B
- (3) $A.B + \bar{A}$
- (4) $A.\bar{B} + \bar{A}$

- 22 A thin spherical shell is charged by some source. The potential difference between the two points C and P (in V) shown in the figure is:

(Take $\frac{1}{4\pi\epsilon_0} = 9 \times 10^9 \text{ SI units}$)



- (1) 0.5×10^5
- (2) zero
- (3) 3×10^5
- (4) 1×10^5

- 23 Given below are two statements :

Statement I : Atoms are electrically neutral as they contain equal number of positive and negative charges.

Statement II : Atoms of each element are stable and emit their characteristic spectrum.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Statement I is correct but Statement II is incorrect.
- (2) Statement I is incorrect but Statement II is correct.
- (3) Both Statement I and Statement II are correct.
- (4) Both Statement I and Statement II are incorrect.

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code



NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



Match List I with List II.

List I
(Spectral Lines of Hydrogen for transitions from)

- A. $n_2 = 3$ to $n_1 = 2$
B. $n_2 = 4$ to $n_1 = 2$
C. $n_2 = 5$ to $n_1 = 2$
D. $n_2 = 6$ to $n_1 = 2$

List II
(Wavelengths (nm))

- I. 410.2
II. 434.1
III. 656.3
IV. 486.1

Choose the correct answer from the options given below :

- (1) A-IV, B-III, C-I, D-II
(2) A-I, B-II, C-III, D-IV
(3) A-II, B-I, C-IV, D-III
(4) A-III, B-IV, C-II, D-I

25 If $x = 5 \sin\left(\pi t + \frac{\pi}{3}\right)m$ represents the motion of a particle executing simple harmonic motion, the amplitude and time period of motion, respectively, are :

- (1) 5 cm, 1 s
(2) 5 m, 1 s
(3) 5 cm, 2 s
(4) 5 m, 2 s

26 Match List-I with List-II.

List-I
(Material)

- A. Diamagnetic
B. Ferromagnetic
C. Paramagnetic
D. Non-magnetic

List-II
(Susceptibility (χ))

- I. $\chi = 0$
II. $0 > \chi \geq -1$
III. $\chi \gg 1$
IV. $0 < \chi < \epsilon$ (a small positive number)

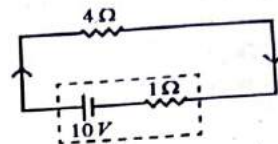
Choose the correct answer from the options given below:

- (1) A-III, B-II, C-I, D-IV
(2) A-IV, B-III, C-II, D-I
(3) A-II, B-III, C-IV, D-I
(4) A-II, B-I, C-III, D-IV

27 A wire of length 'L' and resistance 100Ω is divided into 10 equal parts. The first 5 parts are connected in series while the next 5 parts are connected in parallel. The two combinations are again connected in series. The resistance of this final combination is:

- (1) 55Ω
(2) 60Ω
(3) 26Ω
(4) 52Ω

28 The terminal voltage of the battery, whose emf is $10V$ and internal resistance 1Ω , when connected through an external resistance of 4Ω as shown in the figure is :



- (1) $8 V$
(2) $10 V$
(3) $4 V$
(4) $6 V$

29 A particle moving with uniform speed in a circular path maintains :

- (1) constant velocity but varying acceleration.
(2) varying velocity and varying acceleration.
(3) constant velocity.
(4) constant acceleration.

30 A tightly wound 100 turns coil of radius 10 cm carries a current of 7 A. The magnitude of the magnetic field at the centre of the coil is (Take permeability of free space as $4\pi \times 10^{-7}$ SI units):

- (1) 4.4 mT
(2) 44 T
(3) 44 mT
(4) 4.4 T

31 In a vernier calipers, $(N + 1)$ divisions of vernier scale coincide with N divisions of main scale. If 1 MSD represents 0.1 mm, the vernier constant (in cm) is :

- (1) $100N$
(2) $10(N + 1)$
(3) $\frac{1}{10N}$
(4) $\frac{1}{100(N + 1)}$

T5_English]

5

[Contd...

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code



NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024

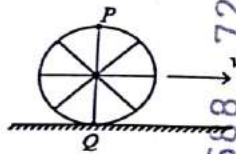


1

- 32 An unpolarised light beam strikes a glass surface at Brewster's angle. Then
- (1) both the reflected and refracted light will be completely polarised.
 - (2) the reflected light will be completely polarised but the refracted light will be partially polarised.
 - (3) the reflected light will be partially polarised.
 - (4) the refracted light will be completely polarised.

- 33 The mass of a planet is $\frac{1}{10}$ th that of the earth and its diameter is half that of the earth. The acceleration due to gravity on that planet is :
- (1) 4.9 m s^{-2}
 - (2) 3.92 m s^{-2}
 - (3) 19.6 m s^{-2}
 - (4) 9.8 m s^{-2}

- 34 A wheel of a bullock cart is rolling on a level road as shown in the figure below. If its linear speed is v in the direction shown, which one of the following options is correct (P and Q are any highest and lowest points on the wheel, respectively)?



- (1) Both the points P and Q move with equal speed.
- (2) Point P has zero speed.
- (3) Point P moves slower than point Q .
- (4) Point P moves faster than point Q .

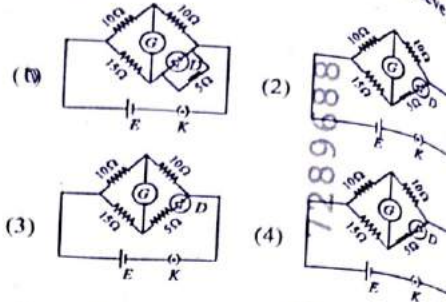
- 35 The moment of inertia of a thin rod about an axis passing through its mid point and perpendicular to the rod is 2400 g cm^2 . The length of the 400 g rod is nearly :
- (1) 20.7 cm
 - (2) 72.0 cm
 - (3) 8.5 cm
 - (4) 17.5 cm

T5_English]

6

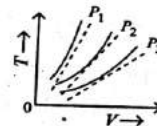
Physics : Section-B (Q. No. 36 to 50)

- 36 Choose the correct circuit which can achieve bridge balance.



- 37 A parallel plate capacitor is charged by connecting it to a battery through a resistor. If I is the current in the circuit, then in the gap between the plate
- (1) displacement current of magnitude equal to I flows in a direction opposite to that of I
 - (2) displacement current of magnitude greater than I flows but can be in any direction.
 - (3) there is no current.
 - (4) displacement current of magnitude equal to I flows in the same direction as I .

- 38 The following graph represents the T - V curves of an ideal gas (where T is the temperature and the volume) at three pressures P_1 , P_2 and P_3 compared with those of Charles's law represented as dotted lines.



Then the correct relation is:

- (1) $P_2 > P_1 > P_3$
- (2) $P_1 > P_2 > P_3$
- (3) $P_3 > P_2 > P_1$
- (4) $P_1 > P_3 > P_2$

- 39 If the mass of the bob in a simple pendulum is increased to thrice its original mass and its length is made half its original length, then the new time

period of oscillation is $\frac{x}{2}$ times its original time period. Then the value of x is

- (1) $2\sqrt{3}$
- (2) 4
- (3) $\sqrt{3}$
- (4) 2

[Contd...

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



- Two heaters A and B have power rating of 1 kW and 2 kW, respectively. Those two are first connected in series and then in parallel to a fixed power source. The ratio of power outputs for these two cases is:
- (1) 1 : 2 (2) 2 : 3
(3) 1 : 1 (4) 2 : 9

- If the plates of a parallel plate capacitor connected to a battery are moved close to each other, then
- A. the charge stored in it, increases.
B. the energy stored in it, decreases.
C. its capacitance increases.
D. the ratio of charge to its potential remains the same.
E. the product of charge and voltage increases.
- Choose the most appropriate answer from the options given below:
- (1) B, D and E only (2) A, B and C only
(3) A, B and E only (4) A, C and E only

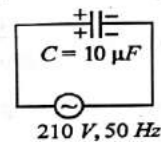
- A small telescope has an objective of focal length 140 cm and an eye piece of focal length 5.0 cm. The magnifying power of telescope for viewing a distant object is:
- (1) 17 (2) 32
(3) 34 (4) 28

- A sheet is placed on a horizontal surface in front of a strong magnetic pole. A force is needed to :
- A. hold the sheet there if it is magnetic.
B. hold the sheet there if it is non-magnetic.
C. move the sheet away from the pole with uniform velocity if it is conducting.
D. move the sheet away from the pole with uniform velocity if it is both, non-conducting and non-polar.
- Choose the correct statement(s) from the options given below:
- (1) A, C and D only
(2) C only
(3) B and D only
(4) A and C only

- A metallic bar of Young's modulus, $0.5 \times 10^{11} \text{ N m}^{-2}$ and coefficient of linear thermal expansion $10^{-5} \text{ }^{\circ}\text{C}^{-1}$, length 1 m and area of cross-section 10^{-3} m^2 is heated from 0°C to 100°C without expansion or bending. The compressive force developed in it is:
- (1) $100 \times 10^3 \text{ N}$ (2) $2 \times 10^3 \text{ N}$
(3) $5 \times 10^3 \text{ N}$ (4) $50 \times 10^3 \text{ N}$

- The minimum energy required to launch a satellite of mass m from the surface of earth of mass M and radius R in a circular orbit at an altitude of $2R$ from the surface of the earth is:
- (1) $\frac{GmM}{2R}$ (2) $\frac{GmM}{3R}$
(3) $\frac{5GmM}{6R}$ (4) $\frac{2GmM}{3R}$

- A $10 \mu\text{F}$ capacitor is connected to a 210 V, 50 Hz source as shown in figure. The peak current in the circuit is nearly ($\pi = 3.14$):



- (1) 1.20 A (2) 0.35 A
(3) 0.58 A (4) 0.93 A
- An iron bar of length L has magnetic moment M . It is bent at the middle of its length such that the two arms make an angle 60° with each other. The magnetic moment of this new magnet is:
- (1) $2M$ (2) $\frac{M}{\sqrt{3}}$
(3) M (4) $\frac{M}{2}$

T5_English_1

7

[Contd...

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	Spin the wheel and get upto 65% Scholarship
101-150	1,16,000	
Below 100	Free MOST Exam	



Scan QR Code

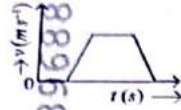
NEET ACHIEVER BATCH

(For Class 12th Pass)

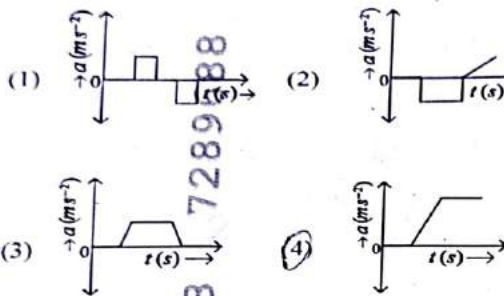
Starting from : 13th & 29th May 2024



- 48 The velocity (v) – time (t) plot of the motion of a body is shown below :



The acceleration (a) – time (t) graph that best suits this motion is :



- 49 The property which is not of an electromagnetic wave travelling in free space is that :

- (1) they travel with a speed equal to $\frac{1}{\sqrt{\mu_0 \epsilon_0}}$.
- (2) they originate from charges moving with uniform speed.
- (3) they are transverse in nature.
- (4) the energy density in electric field is equal to energy density in magnetic field.

- 50 A force defined by $F = \alpha t^2 + \beta t$ acts on a particle at a given time t . The factor which is dimensionless if α and β are constants, is:

- (1) $\alpha\beta t$
- (2) $\alpha\beta/t$
- (3) $\beta t/\alpha$
- (4) $\alpha t/\beta$

T5_English |

8

Chemistry : Section-A (Q. No. 51 to 85)

- 51 In which of the following processes enthalpy increases?

- A. A liquid evaporates to vapour.
- B. Temperature of a crystalline solid low from 130 K to 0 K.
- C. $2 \text{NaHCO}_3(\text{s}) \rightarrow \text{Na}_2\text{CO}_3(\text{s}) + \text{CO}_2(\text{g}) + \text{H}_2\text{O}(\text{g})$
- D. $\text{Cl}_2(\text{g}) \rightarrow 2 \text{Cl}(\text{g})$

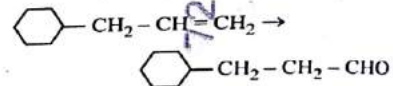
Choose the correct answer from the options below:

- (1) A, C and D
- (2) C and D
- (3) A and C
- (4) A, B and D

- 52 On heating, some solid substances change from solid to vapour state without passing through liquid state. The technique used for purification of such solid substances based on above principle is known as

- (1) Distillation
- (2) Chromatography
- (3) Crystallization
- (4) Sublimation

- 53 Identify the correct reagents that would be used about the following transformation.



- (1) (i) BH_3
(ii) $\text{H}_2\text{O}_2/\text{OH}^-$
(iii) alk. KMnO_4
(iv) H_3O^+
- (2) (i) $\text{H}_2\text{O}/\text{H}^+$
(ii) PCC
- (3) (i) $\text{H}_2\text{O}/\text{H}^+$
(ii) CrO_3
- (4) (i) BH_3
(ii) $\text{H}_2\text{O}_2/\text{OH}^-$
(iii) PCC

[Contd.

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



Scan QR Code



The energy of an electron in the ground state ($n=1$) for He^+ ion is $-x$ J, then that for an electron in $n=2$ state for Be^{3+} ion in J is :

(1) $-4x$
(2) $-\frac{4}{9}x$
(3) $-x$
(4) $-\frac{x}{9}$

Match List I with List II.

List I (Molecule)	List II (Number and types of bond/s between two carbon atoms)
A. ethane	I. one σ -bond and two π -bonds
B. ethene	II. two π -bonds
C. carbon molecule, C_2	III. one σ -bond
D. ethyne	IV. one σ -bond and one π -bond

Choose the correct answer from the options given below:

(1) A-III, B-IV, C-II, D-I
(2) A-III, B-IV, C-I, D-II
(3) A-I, B-IV, C-II, D-III
(4) A-IV, B-III, C-II, D-I

6 For the reaction $2\text{A} \rightleftharpoons \text{B} + \text{C}$, $K_c = 4 \times 10^{-3}$. At a given time, the composition of reaction mixture is: $[\text{A}] = [\text{B}] = [\text{C}] = 2 \times 10^{-3} \text{ M}$. Then, which of the following is correct?

(1) Reaction has a tendency to go in backward direction.
(2) Reaction has gone to completion in forward direction.
(3) Reaction is at equilibrium.
(4) Reaction has a tendency to go in forward direction.

- 57 The E° value for the $\text{Mn}^{3+}/\text{Mn}^{2+}$ couple is more positive than that of $\text{Cr}^{3+}/\text{Cr}^{2+}$ or $\text{Fe}^{3+}/\text{Fe}^{2+}$ due to change of
- (1) d^4 to d^5 configuration
(2) d^3 to d^5 configuration
(3) d^5 to d^4 configuration
(4) d^5 to d^2 configuration
- 58 Given below are two statements:
- Statement I :** The boiling point of hydrides of Group 16 elements follow the order $\text{H}_2\text{O} > \text{H}_2\text{Te} > \text{H}_2\text{Se} > \text{H}_2\text{S}$.
- Statement II :** On the basis of molecular mass, H_2O is expected to have lower boiling point than the other members of the group but due to the presence of extensive H-bonding in H_2O , it has higher boiling point.
- In the light of the above statements, choose the correct answer from the options given below:
- (1) Statement I is true but Statement II is false.
(2) Statement I is false but Statement II is true.
(3) Both Statement I and Statement II are true.
(4) Both Statement I and Statement II are false.
- 59 Match List I with List II.
- | List I
(Process) | List II
(Conditions) |
|-----------------------|---|
| A. Isothermal process | I. No heat exchange |
| B. Isochoric process | II. Carried out at constant temperature |
| C. Isobaric process | III. Carried out at constant volume |
| D. Adiabatic process | IV. Carried out at constant pressure |
- Choose the correct answer from the options given below:
- (1) A-I, B-II, C-III, D-IV
(2) A-II, B-III, C-IV, D-I
(3) A-IV, B-III, C-II, D-I
(4) A-IV, B-II, C-III, D-I

[Contd...

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code



NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



- 60 1 gram of sodium hydroxide was treated with 25 mL of 0.75 M HCl solution, the mass of sodium hydroxide left unreacted is equal to
(1) Zero mg (2) 200 mg
(3) 750 mg (4) 250 mg
- 61 Match List I with List II.
List I (Complex) **List II (Type of isomerism)**
 A. $[\text{Co}(\text{NH}_3)_5(\text{NO}_2)]\text{Cl}_2$ I. Solvate isomerism
 B. $[\text{Co}(\text{NH}_3)_5(\text{SO}_4)]\text{Br}$ II. Linkage isomerism
 C. $[\text{Co}(\text{NH}_3)_6][\text{Cr}(\text{CN})_6]$ III. Ionization isomerism
 D. $[\text{Co}(\text{H}_2\text{O})_6]\text{Cl}_3$ IV. Coordination isomerism
- Choose the correct answer from the options given below:
 (1) A-I, B-IV, C-III, D-II
 (2) A-II, B-IV, C-III, D-I
 (3) A-II, B-III, C-IV, D-4
 (4) A-I, B-III, C-IV, D-II
- 62 Among Group 16 elements, which one does NOT show -2 oxidation state?
 (1) Te (2) Po
 (3) O (4) Se
- 63 The compound that will undergo $\text{S}_\text{N}1$ reaction with the fastest rate is
 (1) (2) (3) (4)
- 64 Which one of the following alcohols reacts instantaneously with Lucas reagent?
 (1) $\text{CH}_3-\text{CH}-\text{CH}_2\text{OH}$
 CH_3
 (2) $\text{CH}_3-\text{C}-\text{OH}$
 CH_3
 (3) $\text{CH}_3-\text{CH}_2-\text{CH}_2-\text{CH}_2\text{OH}$
 (4) $\text{CH}_3-\text{CH}_2-\text{CH}-\text{OH}$
 CH_3
- 65 Match List I with List II.
List I (Conversion) **List II (Number of Faraday required)**
 A. 1 mol of H_2O to O_2 I. 3F
 B. 1 mol of MnO_4^- to Mn^{2+} II. 2F
 C. 1.5 mol of Ca from molten CaCl_2 III. 1F
 D. 1 mol of FeO to Fe_2O_3 IV. 5F
- Choose the correct answer from the options given below:
 (1) A-II, B-III, C-I, D-IV
 (2) A-III, B-IV, C-II, D-I
 (3) A-II, B-IV, C-I, D-III
 (4) A-III, B-IV, C-I, D-II
- 66 The highest number of helium atoms is in
 (1) 4 g of helium
 (2) 2.271098 L of helium at STP
 (3) 4 mol of helium
 (4) 4 u of helium
- 67 'Spin only' magnetic moment is same for which of the following ions?
 A. Ti^{3+} B. Cr^{2+}
 C. Mn^{2+} D. Fe^{2+}
 E. Sc^{3+}
- Choose the most appropriate answer from the options given below:
 (1) B and C only
 (2) A and D only
 (3) B and D only
 (4) A and E only

[Contd.]

T5_English]

10

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code



Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



68 Intramolecular hydrogen bonding is present in

- (1)
- (2) HF
- (3)
- (4)

69 Fehling's solution 'A' is

- (1) alkaline solution of sodium potassium tartrate (Rochelle's salt)
- (2) aqueous sodium citrate
- (3) aqueous copper sulphate
- (4) alkaline copper sulphate

70 Match List I with List II.

List I	List II
Quantum Number	Information provided
A. m_l	I. shape of orbital
B. m_s	II. size of orbital
C. l	III. orientation of orbital
D. n	IV. orientation of spin of electron

Choose the correct answer from the options given below:

- (1) A-III, B-IV, C-II, D-I
- (2) A-II, B-I, C-IV, D-III
- (3) A-I, B-III, C-II, D-IV
- (4) A-III, B-IV, C-I, D-II

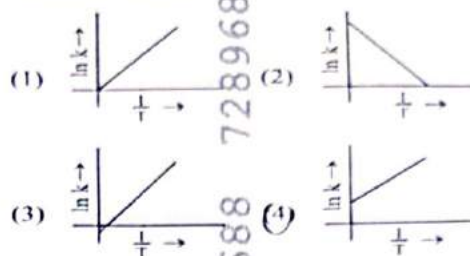
71 Arrange the following elements in increasing order of first ionization enthalpy:

Li, Be, B, C, N

Choose the correct answer from the options given below:

- (1) Li < Be < C < B < N
- (2) Li < Be < N < B < C
- (3) Li < Be < B < C < N
- (4) Li < B < Be < C < N

72 Which plot of $\ln k$ vs $\frac{1}{T}$ is consistent with Arrhenius equation?



73 Arrange the following elements in increasing order of electronegativity:

N, O, F, C, Si

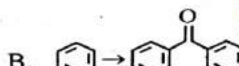
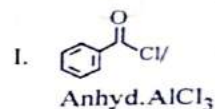
Choose the correct answer from the options given below:

- (1) O < F < N < C < Si
- (2) F < O < N < C < Si
- (3) Si < C < N < O < F
- (4) Si < C < O < N < F

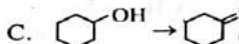
74 Match List I with List II.

List I (Reaction)

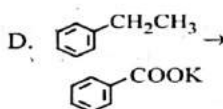
List II (Reagents/Condition)



II. CrO_3



III. $\text{KMnO}_4/\text{KOH}, \Delta$



IV. (i) O_3

(ii) $\text{Zn-H}_2\text{O}$

Choose the correct answer from the options given below:

- (1) A-IV, B-I, C-II, D-III
- (2) A-I, B-IV, C-II, D-III
- (3) A-IV, B-I, C-III, D-II
- (4) A-III, B-I, C-II, D-IV

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	



Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

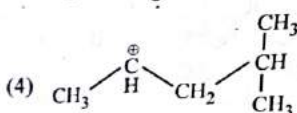
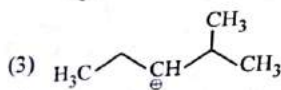
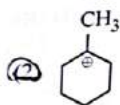
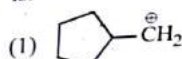
Starting from : 13th & 29th May 2024



- 75 Given below are two statements:
Statement I : Aniline does not undergo Friedel-Crafts alkylation reaction.
Statement II : Aniline cannot be prepared through Gabriel synthesis.
 In the light of the above statements, choose the correct answer from the options given below:
 (1) Statement I is correct but Statement II is false.
 (2) Statement I is incorrect but Statement II is true.
 (3) Both Statement I and Statement II are true.
 (4) Both Statement I and Statement II are false.

- 76 In which of the following equilibria, K_p and K_c are NOT equal?
 (1) $\text{CO(g)} + \text{H}_2\text{O(g)} \rightleftharpoons \text{CO}_2\text{(g)} + \text{H}_2\text{(g)}$
 (2) $2 \text{BrCl(g)} \rightleftharpoons \text{Br}_2\text{(g)} + \text{Cl}_2\text{(g)}$
 (3) $\text{PCl}_5\text{(g)} \rightleftharpoons \text{PCl}_3\text{(g)} + \text{Cl}_2\text{(g)}$
 (4) $\text{H}_2\text{(g)} + \text{I}_2\text{(g)} \rightleftharpoons 2 \text{HI(g)}$

- 77 The most stable carbocation among the following is:



- 78 The reagents with which glucose does **not** react to give the corresponding tests/products are
 A. Tollen's reagent
 B. Schiff's reagent
 C. HCN
 D. NH_2OH
 E. NaHSO_3
 Choose the correct options from the given below:
 (1) B and E (2) E and D
 (3) B and C (4) A and D

- 79 Given below are two statements :

Statement I : Both $[\text{Co}(\text{NH}_3)_6]^{3+}$ and $[\text{CoF}_6]^{3-}$ complexes are octahedral but differ in magnetic behaviour.

Statement II : $[\text{Co}(\text{NH}_3)_6]^{3+}$ is diamagnetic whereas $[\text{CoF}_6]^{3-}$ is paramagnetic.

In the light of the above statements, choose correct answer from the options given below

- (1) Statement I is true but Statement II is false
 (2) Statement I is false but Statement II is true
 (3) Both Statement I and Statement II are true
 (4) Both Statement I and Statement II are false
- 80 Activation energy of any chemical reaction can be calculated if one knows the value of
 (1) orientation of reactant molecules during collision.
 (2) rate constant at two different temperatures
 (3) rate constant at standard temperature.
 (4) probability of collision.

- 81 A compound with a molecular formula of C_6H_{14} has two tertiary carbons. Its IUPAC name is:
 (1) 2,3-dimethylbutane
 (2) 2,2-dimethylbutane
 (3) n-hexane
 (4) 2-methylpentane

- 82 Match List I with List II.

List I (Compound)	List II (Shape/geometry)
A. NH_3	I. Trigonal Pyramidal
B. BrF_5	II. Square Planar
C. XeF_4	III. Octahedral
D. SF_6	IV. Square Pyramidal

Choose the correct answer from the options given below:

- (1) A-III, B-IV, C-I, D-II
 (2) A-II, B-III, C-IV, D-I
 (3) A-I, B-IV, C-II, D-III
 (4) A-II, B-IV, C-III, D-I

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code

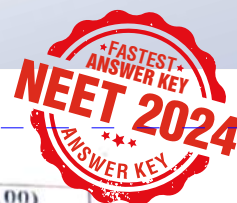


Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



83 The Henry's law constant (K_H) values of three gases (A, B, C) in water are 145, 2×10^{-5} and 35 kbar, respectively. The solubility of these gases in water follow the order:

- (1) $A > C > B$ (2) $A > B > C$
(3) $B > A > C$ (4) $B > C > A$

84 Which reaction is NOT a redox reaction?

- (1) $H_2 + Cl_2 \rightarrow 2 HCl$
(2) $BaCl_2 + Na_2SO_4 \rightarrow BaSO_4 + 2 NaCl$
(3) $Zn + CuSO_4 \rightarrow ZnSO_4 + Cu$
(4) $2 KClO_3 + I_2 \rightarrow 2 KIO_3 + Cl_2$

85 Given below are two statements:

Statement I : The boiling point of three isomeric pentanes follows the order

n-pentane > isopentane > neopentane

Statement II : When branching increases, the molecule attains a shape of sphere. This results in smaller surface area for contact, due to which the intermolecular forces between the spherical molecules are weak, thereby lowering the boiling point.

In the light of the above statements, choose the most appropriate answer from the options given below:

- (1) Statement I is correct but Statement II is incorrect.
(2) Statement I is incorrect but Statement II is correct.
(3) Both Statement I and Statement II are correct.
(4) Both Statement I and Statement II are incorrect.

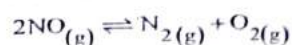
Chemistry : Section-B (Q. No. 86 to 100)

86 The rate of a reaction quadruples when temperature changes from $27^\circ C$ to $57^\circ C$. Calculate the energy of activation.

Given $R = 8.314 \text{ J K}^{-1} \text{ mol}^{-1}$, $\log 4 = 0.6021$

- (1) 3.80 kJ/mol
(2) 380.4 kJ/mol
(3) 38.04 kJ/mol
(4) 380.4 kJ/mol

87 Consider the following reaction in a sealed vessel at equilibrium with concentrations of $N_2 = 3.0 \times 10^{-3} \text{ M}$, $O_2 = 4.2 \times 10^{-3} \text{ M}$ and $NO = 2.8 \times 10^{-3} \text{ M}$.



If 0.1 mol L^{-1} of $NO(g)$ is taken in a closed vessel, what will be degree of dissociation (α) of $NO(g)$ at equilibrium?

- (1) 0.8889 (2) 0.717
(3) 0.00889 (4) 0.0889

88 During the preparation of Mohr's salt solution (Ferrous ammonium sulphate), which of the following acid is added to prevent hydrolysis of Fe^{2+} ion?

- (1) dilute nitric acid
(2) dilute sulphuric acid
(3) dilute hydrochloric acid
(4) concentrated sulphuric acid

89 A compound X contains 32% of A, 20% of B and remaining percentage of C. Then, the empirical formula of X is :

(Given atomic masses of A = 64; B = 40; C = 32 u)

- (1) AB_2C_2 (2) ABC_4
(3) A_2BC_2 (4) ABC_3

90 The pair of lanthanoid ions which are diamagnetic is

- (1) Gd^{3+} and Eu^{3+}
(2) Pm^{3+} and Sm^{3+}
(3) Ce^{4+} and Yb^{2+}
(4) Ce^{3+} and Eu^{2+}

T5_English]

13

[Contd...

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE Spin the wheel and get upto 65% Scholarship  Scan QR Code
551-600	29,000	
501-550	43,500	
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	

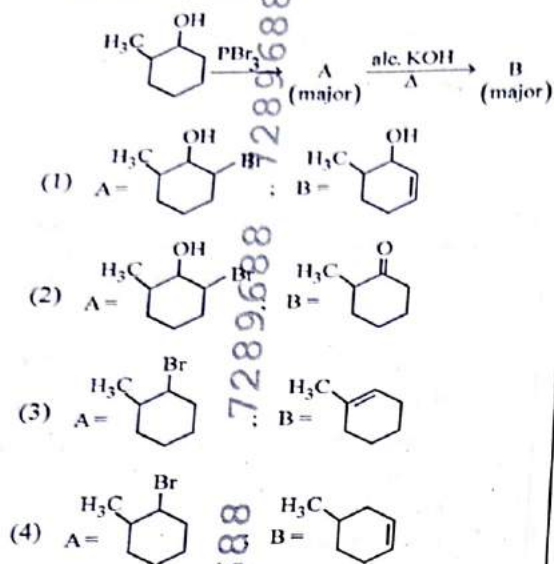
NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



- 91 Major products A and B formed in the following reaction sequence, are



- 92 The plot of osmotic pressure (Π) vs concentration (mol L^{-1}) for a solution gives a straight line with slope $25.73 \text{ L bar mol}^{-1}$. The temperature at which the osmotic pressure measurement is done is:

- (Use $R = 0.083 \text{ L bar mol}^{-1} \text{ K}^{-1}$)
- (1) 25.73°C (2) 12.05°C
(3) 37°C (4) 310°C

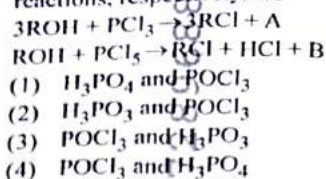
- 93 Given below are certain cations. Using inorganic qualitative analysis, arrange them in increasing group number from 0 to VI.

- A. Al^{3+} B. Cu^{2+}
C. Ba^{2+} D. Co^{2+}
E. Mg^{2+}

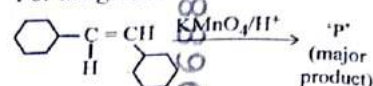
Choose the correct answer from the options given below:

- (1) E, C, D, B, A
(2) E, A, B, C, D
(3) B, A, D, C, E
(4) B, C, A, D, E

- 94 The products A and B obtained in the following reactions, respectively, are



- 95 For the given reaction:



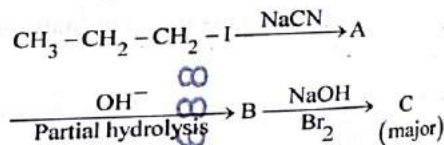
'P' is

- (1) OC(O)C1CCCCC1
(2) O=C(O)C1CCCCC1
(3) OC1CCCCC1
(4) OC(=O)C1CCCCC1

- 96 The work done during reversible isothermal expansion of one mole of hydrogen gas at from pressure of 20 atmosphere to 10 atmosphere is:

- (Given $R = 2.0 \text{ cal K}^{-1} \text{ mol}^{-1}$)
- (1) 413.14 calories
(2) 100 calories
(3) 0 calorie
(4) -413.14 calories

- 97 Identify the major product C formed in following reaction sequence:



- (1) butanamide
(2) α -bromobutanoic acid
(3) propylamine
(4) butylamine

T5_English]

14

[Contd

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code

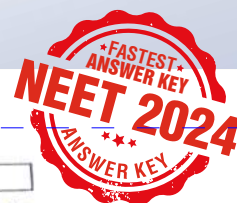


Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



98 Identify the correct answer.

- (1) Dipole moment of NF_3 is greater than that of NH_3 .
- (2) Three canonical forms can be drawn for CO_3^{2-} ion.
- (3) Three resonance structures can be drawn for ozone.
- (4) BF_3 has non-zero dipole moment.

99 Mass in grams of copper deposited by passing 9.6487 A current through a voltmeter containing copper sulphate solution for 100 seconds is:

(Given : Molar mass of Cu : 63 g mol^{-1} ,
 $1\text{F} = 96487 \text{ C}$)

- (1) 31.5 g
- (2) 0.0315 g
- (3) 3.15 g
- (4) 0.315 g

100 Given below are two statements :

Statement I : $[\text{Co}(\text{NH}_3)_6]^{3+}$ is a homoleptic complex whereas $[\text{Co}(\text{NH}_3)_4\text{Cl}_2]^+$ is a heteroleptic complex.

Statement II : Complex $[\text{Co}(\text{NH}_3)_6]^{3+}$ has only one kind of ligands but $[\text{Co}(\text{NH}_3)_4\text{Cl}_2]^+$ has more than one kind of ligands.

In the light of the above statements, choose the correct answer from the options given below:

- (1) Statement I is true but Statement II is false.
- (2) Statement I is false but Statement II is true.
- (3) Both Statement I and Statement II are true.
- (4) Both Statement I and Statement II are false.

Botany : Section-A (Q. No. 101 to 135)

101 Inhibition of Succinic dehydrogenase enzyme by malonate is a classical example of:

- (1) Competitive inhibition
- (2) Enzyme activation
- (3) Cofactor inhibition
- (4) Feedback inhibition

102 Which one of the following can be explained on the basis of Mendel's Law of Dominance?

- A. Out of one pair of factors one is dominant and the other is recessive.
- B. Alleles do not show any expression and both the characters appear as such in F_2 generation.
- C. Factors occur in pairs in normal diploid plants.
- D. The discrete unit controlling a particular character is called factor.
- E. The expression of only one of the parental characters is found in a monohybrid cross.

Choose the correct answer from the options given below:

- (1) B, C and D only
- (2) A, B, C, D and E
- (3) A, B and C only
- (4) A, C, D and E only

103 Lecithin, a small molecular weight organic compound found in living tissues, is an example of:

- (1) Glycerides
- (2) Carbohydrates
- (3) Amino acids
- (4) Phospholipids

T5_English]

15

[Contd...

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE Spin the wheel and get upto 65% Scholarship  Scan QR Code
551-600	29,000	
501-550	43,500	
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



104 Match List I with List II

- List I
A. Nucleolus
B. Centriole
C. Leucoplasts

- D. Golgi apparatus

Choose the correct answer from the options given below:

- (1) A-III, B-IV, C-III, D-I
(2) A-I, B-II, C-III, D-IV
(3) A-III, B-II, C-IV, D-I
(4) A-II, B-III, C-I, D-IV

- List II
I. Site of formation of glycolipid
II. Organization like the cartwheel
III. Site for active ribosomal RNA synthesis
IV. For storing nutrients

105 Which of the following is an example of actinomorphic flower?

- (1) *Pisum* (2) *Sesbania*
(3) *Datura* (4) *Cassia*

106 How many molecules of ATP and NADPH are required for every molecule of CO_2 fixed in the Calvin cycle?

- (1) 3 molecules of ATP and 3 molecules of NADPH
(2) 3 molecules of ATP and 2 molecules of NADPH
(3) 2 molecules of ATP and 3 molecules of NADPH
(4) 2 molecules of ATP and 2 molecules of NADPH

107 Formation of interfascicular cambium from fully developed parenchyma cells is an example for

- (1) Dedifferentiation
(2) Maturation
(3) Differentiation
(4) Redifferentiation

108 Auxin is used by gardeners to prepare weed-free lawns. But no damage is caused to grass as auxin

- (1) does not affect mature monocotyledonous plants.
(2) can help in cell division in grasses, to produce growth.
(3) promotes apical dominance.
(4) promotes abscission of mature leaves only.

109 Which of the following are required for the reaction of photosynthesis?

- A. Light
B. Chlorophyll
C. CO_2
D. ATP
E. NADPH

Choose the correct answer from the options below:

- (1) C, D and E only
(2) D and E only
(3) A, B and C only
(4) B, C and D only

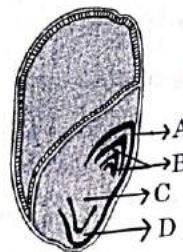
110 The lactose present in the growth medium of bacteria is transported to the cell by the

- (1) Permease
(2) Polymerase
(3) Beta-galactosidase
(4) Acetylase

111 The cofactor of the enzyme carboxypeptidase is

- (1) Flavin (2) Haem
(3) Zinc (4) Niacin

112 Identify the part of the seed from the given figure which is destined to form root when the seed germinates.



- (1) C (2) D
(3) A (4) B

T5_English

16

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



Scan QR Code



- 113 Given below are two statements:
Statement I : Chromosomes become gradually visible under light microscope during leptotene stage.
Statement II : The beginning of diplotene stage is recognized by dissolution of synaptonemal complex.
 In the light of the above statements, choose the correct answer from the options given below:
 (1) Statement I is true but Statement II is false
 (2) Statement I is false but Statement II is true
 (3) Both Statement I and Statement II are true
 (4) Both Statement I and Statement II are false
- 114 The type of conservation in which the threatened species are taken out from their natural habitat and placed in special setting where they can be protected and given special care is called:
 (1) Semi-conservative method
 (2) Sustainable development
 (3) **in-situ conservation**
 (4) Biodiversity conservation
- 115 Given below are two statements:
Statement I : Parenchyma is living but collenchyma is dead tissue.
Statement II : Gymnosperms lack xylem vessels but presence of xylem vessels is the characteristic of angiosperms.
 In the light of the above statements, choose the correct answer from the options given below:
 (1) Statement I is true but Statement II is false
 (2) Statement I is false but Statement II is true
 (3) Both Statement I and Statement II are true
 (4) Both Statement I and Statement II are false
- 116 The equation of Verhulst-Pearl logistic growth is

$$\frac{dN}{dt} = rN \left[\frac{K-N}{K} \right]$$
 From this equation, K indicates:
 (1) Carrying capacity
 (2) Population density
 (3) Intrinsic rate of natural increase
 (4) Biotic potential

117 Match List I with List II

List I	List II
A. <i>Clostridium butylicum</i>	I. Ethanol
B. <i>Saccharomyces cerevisiae</i>	II. Streptokinase
C. <i>Trichoderma polysporum</i>	III. Butyric acid,
D. <i>Streptococcus</i> sp.	IV. Cyclosporin-A

Choose the correct answer from the options given below:

- (1) A-III, B-I, C-IV, D-II
 (2) **A-IV, B-I, C-III, D-II**
 (3) A-III, B-I, C-II, D-IV
 (4) A-II, B-IV, C-III, D-I
- 118 Which one of the following is not a criterion for classification of fungi?
 (1) Mode of spore formation
 (2) Fruiting body
 (3) Morphology of mycelium
 (4) **Mode of nutrition**
- 119 The capacity to generate a whole plant from any cell of the plant is called:
 (1) Differentiation
 (2) Somatic hybridization
 (3) Totipotency
 (4) **Micropropagation**

120 Given below are two statements:

Statement I : Bt toxins are insect group specific and coded by a gene γ IAc.

Statement II : Bt toxin exists as inactive protoxin in *B. thuringiensis*. However, after ingestion by the insect the inactive protoxin gets converted into active form due to acidic pH of the insect gut.

In the light of the above statements, choose the correct answer from the options given below:

- (1) Statement I is true but Statement II is false
 (2) Statement I is false but Statement II is true
 (3) **Both Statement I and Statement II are true**
 (4) Both Statement I and Statement II are false

T5_English]

17

[Contd...

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	
451-500	58,000	
401-450	65,250	
301-400	72,500	Spin the wheel and get upto 65% Scholarship
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	



Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



- 121 Identify the set of correct statements:
- A. The flowers of *Vallisneria* are colourful and produce nectar.
 - B. The flowers of waterlily are not pollinated by water.
 - C. In most of water-pollinated species, the pollen grains are protected from wetting.
 - D. Pollen grains of some hydrophytes are long and ribbon like.
 - E. In some hydrophytes, the pollen grains are carried passively inside water.

Choose the correct answer from the options given below:

- (1) A, C, D and E only
- (2) B, C, D and E only
- (3) C, D and E only
- (4) A, B, C and D only

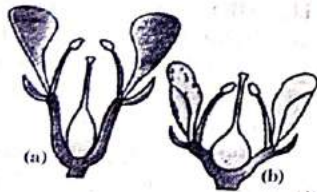
- 122 A transcription unit in DNA is defined primarily by the three regions in DNA and these are with respect to upstream and down stream end;

- (1) Inducer, Repressor, Structural gene
- (2) Promotor, Structural gene, Terminator
- (3) Repressor, Operator gene, Structural gene
- (4) Structural gene, Transposons, Operator gene

- 123 Bulliform cells are responsible for

- (1) Increased photosynthesis in monocots.
- (2) Providing large spaces for storage of sugars.
- (3) Inward curling of leaves in monocots.
- (4) Protecting the plant from salt stress.

- 124 Identify the type of flowers based on the position of calyx, corolla and androecium with respect to the ovary from the given figures (a) and (b)



- (1) (a) Perigynous; (b) Epigynous
- (2) (a) Perigynous; (b) Perigynous
- (3) (a) Epigynous; (b) Hypogynous
- (4) (a) Hypogynous; (b) Epigynous

T5_English |

18

- 125 What is the fate of a piece of DNA of gene of interest which is transferred into an organism?

- A. The piece of DNA would be able to replicate itself independently in the progeny.
- B. It may get integrated into the genome of the recipient.
- C. It may multiply and be inherited as part of the host DNA.
- D. The alien piece of DNA is not a part of chromosome.
- E. It shows ability to replicate.

Choose the correct answer from the options given below:

- (1) B and C only
- (2) A and E only
- (3) A and B only
- (4) D and E only

- 126 Tropical regions show greatest level of biodiversity because

- A. Tropical latitudes have remained undisturbed for millions of years and more time was available for diversification.
- B. Tropical environments are more stable.
- C. More solar energy is available in the tropics.
- D. Constant environments promote specialization.
- E. Tropical environments are constantly changing.

Choose the correct answer from the options given below:

- (1) A, B and E only
- (2) A, B and D only
- (3) A, C, D and E only
- (4) A and B only

- 127 A pink flowered Snapdragon plant was crossed with a red flowered Snapdragon plant. What is the expected phenotype/s in the progeny?

- (1) Only pink flowered plants
- (2) Red, Pink as well as white flowered plants
- (3) Only red flowered plants
- (4) Red flowered as well as pink flowered plants

[Contd.]

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code



NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



These are regarded as major causes of biodiversity loss:

128. Over exploitation
A. Co-extinction
B. Mutation
C. Habitat loss and fragmentation
D. Migration
E. Choose the correct option:
(1) A, B and E only
(2) A, B and D only
(3) A, C and D only
(4) A, B, C and D only

129. Match List I with List II.

List I	List II
A. <i>Rhizopus</i>	I. Mushroom
B. <i>Ustilago</i>	II. Smut fungus
C. <i>Puccinia</i>	III. Bread mould
D. <i>Agaricus</i>	IV. Rust fungus

Choose the correct answer from the options given below:

(1) A-III, B-II, C-I, D-IV
(2) A-IV, B-III, C-II, D-I
(3) A-III, B-II, C-IV, D-I
(4) A-I, B-III, C-II, D-IV

130. In a plant, black seed color (BB/Bb) is dominant over white seed color (bb). In order to find out the genotype of the black seed plant, with which of the following genotype will you cross it?

(1) Bb (2) BB/Bb
(3) BB (4) bb

131. In the given figure, which component has thin outer walls and highly thickened inner walls?

(1) A (2) B
(3) C (4) D

132. List of endangered species was released by-

(1) FOAM (2) IUCN
(3) GEAC (4) WWF

133. Match List I with List II

List I	List II
A. Two or more alternative forms of a gene	I. Back cross
B. Cross of F_1 progeny with homozygous recessive parent	II. Ploidy
C. Cross of F_1 progeny with any of the parents	III. Allele
D. Number of chromosome sets in plant	IV. Test cross

Choose the correct answer from the options given below:

(1) A-III, B-IV, C-I, D-II
(2) A-IV, B-III, C-II, D-I
(3) A-I, B-II, C-III, D-IV
(4) A-II, B-I, C-III, D-IV

134. Hind II always cuts DNA molecules at a particular point called recognition sequence and it consists of:

(1) 4 bp (2) 10 bp
(3) 8 bp (4) 6 bp

135. Spindle fibers attach to kinetochore chromosomes during

(1) Anaphase (2) Telophase
(3) Prophase (4) Metaphase

T5_English]

19

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



Botany : Section-B (Q. No. 136 to 150)

136 Match List I with List II

List I	List II
A. Robert May	I. Species-Area relationship
B. Alexander von Humboldt	II. Long term ecosystem experiment using out door plots
C. Paul Ehrlich	III. Global species diversity at about 7 million
D. David Tilman	IV. Rivet popper hypothesis

Choose the correct answer from the options given below:

- (1) A-I, B-III, C-II, D-IV
- (2) A-III, B-IV, C-II, D-I
- (3) A-II, B-III, C-I, D-IV
- (4) A-III, B-I, C-IV, D-II

137 Match List I with List II

List I	List II
A. Frederick Griffith	I. Genetic code
B. Francois Jacob & Jacques Monod	II. Semi-conservative mode of DNA replication
C. Har Gobind Khorana	III. Transformation
D. Meselson & Stahl	IV. Lac operon

Choose the correct answer from the options given below:

- (1) A-II, B-III, C-IV, D-I
- (2) A-IV, B-I, C-II, D-III
- (3) A-III, B-II, C-I, D-IV
- (4) A-III, B-IV, C-I, D-II

138 Match List I with List II

List I (Types of Stamens)	List II (Example)
A. Monadelphous	I. Citrus
B. Diadelphous	II. Pea
C. Polyadelphous	III. Lily
D. Epiphyllous	IV. China-rose

Choose the correct answer from the options below:

- (1) A-I, B-II, C-IV, D-III
- (2) A-III, B-I, C-IV, D-II
- (3) A-IV, B-II, C-I, D-III
- (4) A-IV, B-I, C-II, D-III

139 Match List I with List II

List I	List II
A. GLUT-4	I. Hormone
B. Insulin	II. Enzyme
C. Trypsin	III. Intercellular ground substance
D. Collagen	IV. Enables glucose transport

Choose the correct answer from the options below:

- (1) A-II, B-III, C-IV, D-I
- (2) A-III, B-IV, C-I, D-II
- (3) A-IV, B-I, C-II, D-III
- (4) A-I, B-II, C-III, D-IV

140 Which of the following statement regarding the process of replication is correct?

- (1) The DNA dependent DNA polymerase catalyses polymerization in 5' → 3' as 3' → 5' direction.
- (2) The DNA dependent DNA polymerase catalyses polymerization in 5' → 3'.
- (3) The DNA dependent DNA polymerase catalyses polymerization in on that is 3' → 5'.
- (4) The DNA dependent RNA polymerase catalyses polymerization in on that is 5' → 3'.

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE Spin the wheel and get upto 65% Scholarship  Scan QR Code
551-600	29,000	
501-550	43,500	
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



11 Match List I with List II

- | List I | List II |
|------------------------------|--|
| A. Citric acid cycle | I. Cytoplasm |
| B. Glycolysis | II. Mitochondrial matrix |
| C. Electron transport system | III. Intermembrane space of mitochondria |
| D. Proton gradient | IV. Inner mitochondrial membrane |

Choose the correct answer from the options given below:

- (1) A-III, B-IV, C-I, D-II
- (2) A-IV, B-III, C-II, D-I
- (3) A-I, B-II, C-III, D-IV
- (4) A-II, B-I, C-IV, D-III

12 Identify the step in tricarboxylic acid cycle, which does not involve oxidation of substrate.

- (1) Succinyl-CoA → Succinic acid
- (2) Isocitrate → α-ketoglutaric acid
- (3) Malic acid → Oxaloacetic acid
- (4) Succinic acid → Malic acid

13 Spraying sugarcane crop with which of the following plant growth regulators, increases the length of stem, thus, increasing the yield?

- (1) Cytokinin
- (2) Absciscic acid
- (3) Auxin
- (4) Gibberellin

14 The DNA present in chloroplast is:

- (1) Linear, single stranded
- (2) Circular, single stranded
- (3) Linear, double stranded
- (4) Circular, double stranded

145 Given below are two statements:

Statement I : In C_3 plants, some O_2 binds to RuBisCO, hence CO_2 fixation is decreased.

Statement II : In C_4 plants, mesophyll cells show very little photorespiration while bundle sheath cells do not show photorespiration.

In the light of the above statements, choose the correct answer from the options given below:

- (1) Statement I is true but Statement II is false
- (2) Statement I is false but Statement II is true
- (3) Both Statement I and Statement II are true
- (4) Both Statement I and Statement II are false

146 Which of the following are fused in somatic hybridization involving two varieties of plants?

- (1) Protoplasts
- (2) Pollens
- (3) Callus
- (4) Somatic embryos

147 Read the following statements and choose the set of correct statements:

In the members of Phaeophyceae,

- A. Asexual reproduction occurs usually by biflagellate zoospores.
- B. Sexual reproduction is by oogamous method only.
- C. Stored food is in the form of carbohydrates which is either mannitol or laminarin.
- D. The major pigments found are chlorophyll a, c and carotenoids and xanthophyll.
- E. Vegetative cells have a cellulosic wall, usually covered on the outside by gelatinous coating of algin.

Choose the correct answer from the options given below:

- (1) A, C, D and E only
- (2) A, B, C and E only
- (3) A, B, C and D only
- (4) B, C, D and E only

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	 Scan QR Code



148 In an ecosystem if the Net Primary Productivity (NPP) of first trophic level is

$100x \text{ (kcal m}^{-2}\text{) yr}^{-1}$, what would be the GPP (Gross Primary Productivity) of the third trophic level of the same ecosystem?

- (1) $10x \text{ (kcal m}^{-2}\text{) yr}^{-1}$
- (2) $\frac{100x}{3x} \text{ (kcal m}^{-2}\text{) yr}^{-1}$
- (3) $\frac{x}{10} \text{ (kcal m}^{-2}\text{) yr}^{-1}$
- (4) $x \text{ (kcal m}^{-2}\text{) yr}^{-1}$

149 Identify the correct description about the given figure:



- (1) Cleistogamous flowers showing autogamy.
- (2) Compact inflorescence showing complete autogamy.
- (3) Wind pollinated plant inflorescence showing flowers with well exposed stamens.
- (4) Water pollinated flowers showing stamens with mucilaginous covering.

150 Match List I with List II

- | List I | List II |
|-----------|---------------------------|
| A. Rose | I. Twisted aestivation |
| B. Pea | II. Perigynous flower |
| C. Cotton | III. Drupe |
| D. Mango | IV. Marginal placentation |

Choose the correct answer from the options given below:

- (1) A-IV, B-III, C-II, D-I
- (2) A-II, B-III, C-IV, D-I
- (3) A-II, B-IV, C-I, D-III
- (4) A-I, B-II, C-III, D-IV

Zoology : Section-A (Q. No. 151 to 185)

151 Match List I with List II :

- | List I | List II |
|------------------|-------------------|
| A. Pleurobrachia | I. Mollusca |
| B. Radula | II. Ctenophora |
| C. Stomochord | III. Osteichthyes |
| D. Air bladder | IV. Hemichordata |

Choose the correct answer from the options given below :

- (1) A-II, B-IV, C-I, D-III
- (2) A-IV, B-III, C-II, D-I
- (3) A-IV, B-II, C-III, D-I
- (4) A-II, B-I, C-IV, D-III

152 Match List I with List II :

- | List I | List II |
|--------------------------|------------------|
| A. Non-medicated IUD | I. Multiload |
| B. Copper releasing IUD | II. Progestog |
| C. Hormone releasing IUD | III. Lippes loop |
| D. Implants | IV. LNG-20 |

Choose the correct answer from the options given below :

- (1) A-IV, B-I, C-II, D-III
- (2) A-III, B-I, C-IV, D-II
- (3) A-III, B-I, C-II, D-IV
- (4) A-I, B-III, C-IV, D-II

153 Match List I with List II :

- | List I | List II |
|-------------------------------|-------------------|
| A. α -1 antitrypsin | I. Cotton bollwo |
| B. Cry IAb | II. ADA deficient |
| C. Cry IAc | III. Emphysema |
| D. Enzyme replacement therapy | IV. Corn borer |

Choose the correct answer from the options given below :

- (1) A-III, B-IV, C-I, D-II
- (2) A-II, B-IV, C-I, D-III
- (3) A-II, B-I, C-IV, D-III
- (4) A-III, B-I, C-II, D-IV

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	
451-500	58,000	
401-450	65,250	
301-400	72,500	Spin the wheel and get upto 65% Scholarship
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	



Scan QR Code



- 54 Match List I with List II :
- | List I | List II |
|----------------|----------------------|
| A. Common cold | I. <i>Plasmodium</i> |
| B. Haemozoin | II. Typhoid |
| C. Widal test | III. Rhinoviruses |
| D. Allergy | IV. Dust mites |
- Choose the correct answer from the options given below :
- (1) A-III, B-I, C-II, D-IV
(2) A-IV, B-II, C-III, D-I
(3) A-II, B-IV, C-III, D-I
(4) A-I, B-III, C-II, D-IV

- 55 Match List I with List II :
- | List I | List II |
|--------------|----------------------------------|
| A. Cocaine | I. Effective sedative in surgery |
| B. Heroin | II. <i>Cannabis sativa</i> |
| C. Morphine | III. <i>Erythroxylum</i> |
| D. Marijuana | IV. <i>Papaver somniferum</i> |
- Choose the correct answer from the options given below :
- (1) A-II, B-I, C-III, D-IV
(2) A-III, B-IV, C-I, D-II
(3) A-IV, B-III, C-I, D-II
(4) A-I, B-III, C-II, D-IV

- 56 Match List I with List II :
- | List I
(Sub Phases of Prophase I) | List II
(Specific characters) |
|--------------------------------------|--|
| A. Diakinesis | I. Synaptonemal complex formation |
| B. Pachytene | II. Completion of terminalisation of chiasmata |
| C. Zygotene | III. Chromosomes look like thin threads |
| D. Leptotene | IV. Appearance of recombination nodules |
- Choose the correct answer from the options given below :
- (1) A-II, B-IV, C-I, D-III
(2) A-IV, B-III, C-II, D-I
(3) A-IV, B-II, C-III, D-I
(4) A-I, B-II, C-IV, D-III

- 157 Given below are two statements :
- Statement I :** The presence or absence of hymen is not a reliable indicator of virginity.
- Statement II :** The hymen is torn during the first coitus only.
- In the light of the above statements, choose the correct answer from the options given below :
- (1) Statement I is true but Statement II is false
(2) Statement I is false but Statement II is true
(3) Both Statement I and Statement II are true
(4) Both Statement I and Statement II are false

- 158 Which one is the correct product of DNA dependent RNA polymerase to the given template?
- 3'TACATGGCAAATATCCATTCA5'
- (1) 5'AUGUACCGUUUUAUAGGGAAGU3'
(2) 5'ATGTACCGTTTATAGGTAAGT3'
(3) 5'AUGUACCGUUUUAUAGGUAAGU3'
(4) 5'AUGUAAAGUUUUAUAGGUAAGU3'

- 159 Match List I with List II :
- | List I | List II |
|---------------------------------|--|
| A. Expiratory capacity | I. Expiratory reserve volume + Tidal volume + Inspiratory reserve volume |
| B. Functional residual capacity | II. Tidal volume + Expiratory reserve volume |
| C. Vital capacity | III. Tidal volume + Inspiratory reserve volume |
| D. Inspiratory capacity | IV. Expiratory reserve volume + Residual volume |
- Choose the correct answer from the options given below :
- (1) A-II, B-I, C-IV, D-III
(2) A-I, B-III, C-II, D-IV
(3) A-II, B-IV, C-I, D-III
(4) A-III, B-II, C-IV, D-I

T5_English]

23

[Contd...

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	
451-500	58,000	
401-450	65,250	Spin the wheel and get upto 65% Scholarship
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	 Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



160 Which of the following are Autoimmune disorders?

- A. Myasthenia gravis
- B. Rheumatoid arthritis
- C. Gout
- D. Muscular dystrophy
- E. Systemic Lupus Erythematosus (SLE)

Choose the most appropriate answer from the options given below :

- (1) B, C & E only
- (2) C, D & E only
- (3) A, B & D only
- (4) A, B & E only

161 Consider the following statements :

- A. Annelids are true coelomates
- B. Poriferans are pseudocoelomates
- C. Aschelminthes are acoelomates
- D. Platyhelminthes are pseudocoelomates

Choose the correct answer from the options given below :

- (1) C only
- (2) D only
- (3) B only
- (4) A only

162 Given below are two statements :

Statement I : In the nephron, the descending limb of loop of Henle is impermeable to water and permeable to electrolytes.

Statement II : The proximal convoluted tubule is lined by simple columnar brush border epithelium and increases the surface area for reabsorption.

In the light of the above statements, choose the correct answer from the options given below :

- (1) Statement I is true but Statement II is false
- (2) Statement I is false but Statement II is true
- (3) Both Statement I and Statement II are true
- (4) Both Statement I and Statement II are false

T5_English]

163 Match List I with List II :

- | List I | List II |
|-----------------|-----------------|
| A. Pterophyllum | I. Hag fish |
| B. Myxine | II. Saw fish |
| C. Pristis | III. Angel fish |
| D. Exocoelotus | IV. Flying fish |

Choose the correct answer from the options given below :

- (1) A-IV, B-I, C-II, D-III
- (2) A-III, B-II, C-I, D-IV
- (3) A-II, B-I, C-III, D-IV
- (4) A-III, B-I, C-II, D-IV

164 Which of the following is not a steroid hormone?

- (1) Progesterone
- (2) Glucagon
- (3) Cortisol
- (4) Testosterone

165 Match List I with List II :

- | List I | List II |
|-------------|-------------------------|
| A. Lipase | I. Peptide bond |
| B. Nuclease | II. Ester bond |
| C. Protease | III. Glycosidic bond |
| D. Amylase | IV. Phosphodiester bond |

Choose the correct answer from the options given below :

- (1) A-II, B-IV, C-I, D-III
- (2) A-IV, B-I, C-III, D-II
- (3) A-IV, B-II, C-III, D-I
- (4) A-III, B-II, C-I, D-IV

166 Match List I with List II :

- | List I | List II |
|---------------------------|----------------------------------|
| A. Down's syndrome | I. 11 th chromosome |
| B. α -Thalassemia | II. 'X' chromosome |
| C. β -Thalassemia | III. 21 st chromosome |
| D. Klinefelter's syndrome | IV. 16 th chromosome |

Choose the correct answer from the options given below :

- (1) A-III, B-IV, C-I, D-II
- (2) A-IV, B-I, C-II, D-III
- (3) A-I, B-II, C-III, D-IV
- (4) A-II, B-III, C-IV, D-I

[Contd.]

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	
451-500	58,000	
401-450	65,250	
301-400	72,500	Spin the wheel and get upto 65% Scholarship
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	



Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



167 The "Ti plasmid" of *Agrobacterium tumefaciens* stands for

- (1) Tumor inducing plasmid
- (2) Temperature independent plasmid
- (3) Tumour inhibiting plasmid
- (4) Tumor independent plasmid

168 Given below are two statements : one is labelled as Assertion A and the other is labelled as Reason R :

Assertion A : Breast-feeding during initial period of infant growth is recommended by doctors for bringing a healthy baby.

Reason R : Colostrum contains several antibodies absolutely essential to develop resistance for the new born baby.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) A is correct but R is not correct.
- (2) A is not correct but R is correct.
- (3) Both A and R are correct and R is the correct explanation of A.
- (4) Both A and R are correct but R is NOT the correct explanation of A.

169 Which of the following is not a component of Fallopian tube?

- (1) Infundibulum
- (2) Ampulla
- (3) Uterine fundus
- (4) Isthmus

170 In both sexes of cockroach, a pair of jointed filamentous structures called anal cerci are present on :

- (1) 8th and 9th segment
- (2) 11th segment
- (3) 5th segment
- (4) 10th segment

171 Which one of the following factors will not affect the Hardy-Weinberg equilibrium?

- (1) Gene migration
- (2) Constant gene pool
- (3) Genetic recombination
- (4) Genetic drift

172 Match List I with List II :

- | List I | List II |
|-----------------|--|
| A. Pons | I. Provides additional space for Neurons, regulates posture and balance. |
| B. Hypothalamus | II. Controls respiration and gastric secretions. |
| C. Medulla | III. Connects different regions of the brain. |
| D. Cerebellum | IV. Neuro secretory cells |

Choose the correct answer from the options given below :

- (1) A-I, B-III, C-II, D-IV
- (2) A-II, B-I, C-III, D-IV
- (3) A-II, B-III, C-I, D-IV
- (4) A-III, B-IV, C-II, D-I

173 The flippers of the Penguins and Dolphins are the example of the

- (1) Convergent evolution
- (2) Divergent evolution
- (3) Adaptive radiation
- (4) Natural selection

174 Following are the stages of pathway conduction of an action potential through heart:

- A. AV bundle
- B. Purkinje fibres
- C. AV node
- D. Bundle branches
- E. SA node

Choose the correct sequence of pathway from options given below :

- (1) B-D-E-C-A
- (2) E-A-D-B-C
- (3) E-C-A-D-B
- (4) A-E-C-B-D

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship  Scan QR Code
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	

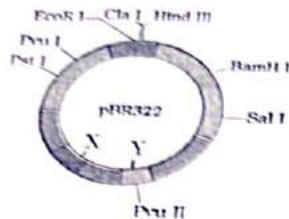
NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



- 175 The following diagram showing restriction sites in *E. coli* cloning vector pBR322. Find the role of 'X' and 'Y' genes :



- (1) The gene 'X' is for protein involved in replication of Plasmid and 'Y' for resistance to antibiotics.
- (2) Gene 'X' is responsible for recognition sites and 'Y' is responsible for antibiotic resistance.
- (3) The gene 'X' is responsible for resistance to antibiotics and 'Y' for protein involved in the replication of Plasmid.
- (4) The gene 'X' is responsible for controlling the copy number of the linked DNA and 'Y' for protein involved in the replication of Plasmid.

- 176 Given below are two statements : one is labelled as Assertion A and the other is labelled as Reason R :

Assertion A : FSH acts upon ovarian follicles in female and Leydig cells in male.

Reason R : Growing ovarian follicles secrete estrogen in female while interstitial cells secrete androgen in male human being.

In the light of the above statements, choose the correct answer from the options given below :

- (1) A is true but R is false
- (2) A is false but R is true
- (3) Both A and R are true and R is the correct explanation of A.
- (4) Both A and R are true but R is NOT the correct explanation of A.

- 177 Which of the following statements is incorrect?
- (1) Bio-reactors are used to produce small scale bacterial cultures.
 - (2) Bio-reactors have an agitator system, an oxygen delivery system and foam control system.
 - (3) A bio-reactor provides optimal growth conditions for achieving the desired product.
 - (4) Most commonly used bio-reactors are stirred type.

- 178 Match List I with List II :

List I	List II
A. Axoneme	I. Centriole
B. Cartwheel pattern	II. Cilia and flagella
C. Crista	III. Chromosome
D. Satellite	IV. Mitochondria

Choose the correct answer from the options given below :

- (1) A-II, B-IV, C-I, D-III
- (2) A-II, B-I, C-IV, D-III
- (3) A-IV, B-III, C-II, D-I
- (4) A-IV, B-II, C-III, D-I

- 179 Match List I with List II :

List I	List II
A. Fibrous joints	I. Adjacent vertebrae, limited movement
B. Cartilaginous joints	II. Humerus and Pectoral girdle, rotational movement
C. Hinge joints	III. Skull, don't allow any movement
D. Ball and socket joints	IV. Knee, help in locomotion

Choose the correct answer from the options given below :

- (1) A-II, B-III, C-I, D-IV
- (2) A-III, B-I, C-IV, D-II
- (3) A-IV, B-II, C-III, D-I
- (4) A-I, B-III, C-II, D-IV

T5_English]

26

[Contd.

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code



NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



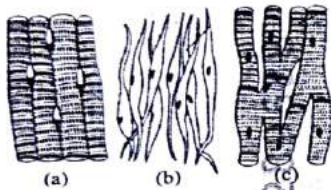
180 Given below are some stages of human evolution. Arrange them in correct sequence. (Past to Recent)

- A. *Homo habilis*
- B. *Homo sapiens*
- C. *Homo neanderthalensis*
- D. *Homo erectus*

Choose the correct sequence of human evolution from the options given below :

- (1) C-B-D-A
- (2) A-D-C-B
- (3) D-A-C-B
- (4) B-A-D-C

181 Three types of muscles are given as a, b and c. Identify the correct matching pair along with their location in human body :



Name of muscle/location

- (1) (a) Skeletal - Biceps
- (b) Involuntary - Intestine
- (c) Smooth - Heart.
- (2) (a) Involuntary - Nose tip
- (b) Skeletal - Bone
- (c) Cardiac - Heart.
- (3) (a) Smooth - Toes
- (b) Skeletal - Legs
- (c) Cardiac - Heart.
- (4) (a) Skeletal - Triceps
- (b) Smooth - Stomach
- (c) Cardiac - Heart.

182 Following are the stages of cell division :

- A. Gap 2 phase
- B. Cytokinesis
- C. Synthesis phase
- D. Karyokinesis
- E. Gap 1 phase

Choose the correct sequence of stages from the options given below :

- (1) B-D-E-A-C
- (2) E-C-A-D-B
- (3) C-E-D-A-B
- (4) E-B-D-A-C

183 Which of the following is not a natural/traditional contraceptive method?

- (1) Lactational amenorrhea
- (2) Vaults
- (3) Coitus interruptus
- (4) Periodic abstinence

184 Match List I with List II :

- | List I | List II |
|------------------|---------------|
| A. Typhoid | I. Fungus |
| B. Leishmaniasis | II. Nematode |
| C. Ringworm | III. Protozoa |
| D. Filariasis | IV. Bacteria |

Choose the correct answer from the options given below :

- (1) A-III, B-I, C-IV, D-II
- (2) A-II, B-IV, C-III, D-I
- (3) A-I, B-III, C-II, D-IV
- (4) A-IV, B-III, C-I, D-II

185 Which of the following factors are favourable for the formation of oxyhaemoglobin in alveoli?

- (1) Low $p\text{CO}_2$ and High H^+ concentration
- (2) Low $p\text{CO}_2$ and High temperature
- (3) High $p\text{O}_2$ and High $p\text{CO}_2$
- (4) High $p\text{O}_2$ and Lesser H^+ concentration

T5_English]

27

[Contd...

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



Scan QR Code



Zoology : Section-B (Q. No. 186 to 200)

186 Given below are two statements :

Statement I : Bone marrow is the main lymphoid organ where all blood cells including lymphocytes are produced.

Statement II : Both bone marrow and thymus provide micro environments for the development and maturation of T-lymphocytes.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Statement I is correct but Statement II is incorrect.
- (2) Statement I is incorrect but Statement II is correct.
- (3) Both Statement I and Statement II are correct.
- (4) Both Statement I and Statement II are incorrect.

187 Match List I with List II :

List I

List II

- | | |
|----------------|---|
| A. P wave | I. Heart muscles are electrically silent. |
| B. QRS complex | II. Depolarisation of ventricles. |
| C. T wave | III. Depolarisation of atria. |
| D. T-P gap | IV. Repolarisation of ventricles. |

Choose the correct answer from the options given below :

- (1) A-II, B-III, C-I, D-IV
- (2) A-IV, B-II, C-I, D-III
- (3) A-I, B-III, C-IV, D-II
- (4) A-III, B-II, C-IV, D-I

T5_English]

188 Given below are two statements :

Statement I : The cerebral hemisphere connected by nerve tract known as callosum.

Statement II : The brain stem consists medulla oblongata, pons and cerebrum.

In the light of the above statements, choose the most appropriate answer from the options below :

- (1) Statement I is correct but Statement II is incorrect.
- (2) Statement I is incorrect but Statement II is correct.
- (3) Both Statement I and Statement II are correct.
- (4) Both Statement I and Statement II are incorrect.

189 Match List I with List II :

List I

List II

- | | |
|---------------------------------------|---------------------------------------|
| A. Unicellular glandular epithelium | I. Salivary glands |
| B. Compound epithelium | II. Pancreas |
| C. Multicellular glandular epithelium | III. Goblet cells of alimentary canal |
| D. Endocrine glandular epithelium | IV. Moist surface of buccal cavity |

Choose the correct answer from the options given below :

- (1) A-III, B-IV, C-I, D-II
- (2) A-II, B-I, C-IV, D-III
- (3) A-II, B-I, C-III, D-IV
- (4) A-IV, B-III, C-I, D-II

[Contd...

Get Scholarship on the basis of **NEET 2024 Marks**

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship  Scan QR Code
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : **13th & 29th May 2024**



90 Match List I with List II related to digestive system of cockroach.

- | List I | List II |
|--|-------------------------|
| A. The structures used for storing of food. | I. Gizzard |
| B. Ring of 6-8 blind tubules at junction of foregut and midgut. | II. Gastric Caeca |
| C. Ring of 100-150 yellow coloured thin filaments at junction of midgut and hindgut. | III. Malpighian tubules |
| D. The structures used for grinding the food. | IV. Crop |

Choose the correct answer from the options given below :

- (1) A-IV, B-III, C-II, D-I
- (2) A-III, B-II, C-IV, D-I
- (3) A-IV, B-II, C-III, D-I
- (4) A-I, B-II, C-III, D-IV

91 Match List I with List II :

- | List I | List II |
|--------------------|------------------------|
| A. Mesozoic Era | I. Lower invertebrates |
| B. Proterozoic Era | II. Fish & Amphibia |
| C. Cenozoic Era | III. Birds & Reptiles |
| D. Paleozoic Era | IV. Mammals |

Choose the correct answer from the options given below :

- (1) A-I, B-II, C-IV, D-III
- (2) A-III, B-I, C-IV, D-II
- (3) A-II, B-I, C-III, D-IV
- (4) A-III, B-I, C-II, D-IV

192 Given below are two statements :
Statement I : Mitochondria and chloroplasts are both double membrane bound organelles.
Statement II : Inner membrane of mitochondria is relatively less permeable, as compared to chloroplast.

In the light of the above statements, choose the most appropriate answer from the options given below :

- (1) Statement I is correct but Statement II is incorrect.
- (2) Statement I is incorrect but Statement II is correct.
- (3) Both Statement I and Statement II are correct.
- (4) Both Statement I and Statement II are incorrect.

193 As per ABO blood grouping system, the blood group of father is B⁺, mother is A⁺ and child is O⁺. Their respective genotype can be

- A. $I^B i / I^A i / ii$
- B. $I^B I^B / I^A I^A / ii$
- C. $I^A I^B / ii^A / I^B i$
- D. $I^A i / I^B i / I^A i$
- E. $ii^B / ii^A / I^A I^B$

Choose the most appropriate answer from the options given below :

- (1) C & B only
- (2) D & E only
- (3) A only
- (4) B only

194 Match List I with List II :

- | List I | List II |
|------------------------|---|
| A. Exophthalmic goiter | I. Excess secretion of cortisol, moon face & hyperglycemia |
| B. Acromegaly | II. Hypo-secretion of thyroid hormone and stunted growth. |
| C. Cushing's syndrome | III. Hyper secretion of thyroid hormone & protruding eye balls. |
| D. Cretinism | IV. Excessive secretion of growth hormone. |

Choose the correct answer from the options given below :

- (1) A-III, B-IV, C-II, D-I
- (2) A-III, B-IV, C-I, D-II
- (3) A-I, B-III, C-II, D-IV
- (4) A-IV, B-II, C-I, D-III

195 Match List I with List II :

- | List I | List II |
|---------------------------------|------------------|
| A. RNA polymerase III | I. snRNPs |
| B. Termination of transcription | II. Promotor |
| C. Splicing of Exons | III. Rho factor |
| D. TATA box | IV. SnRNAs, tRNA |

Choose the correct answer from the options given below :

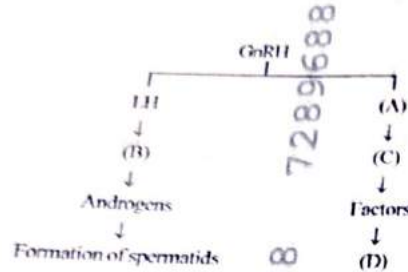
- (1) A-III, B-IV, C-I, D-II
- (2) A-IV, B-III, C-I, D-II
- (3) A-II, B-IV, C-I, D-III
- (4) A-III, B-II, C-IV, D-I

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	
451-500	58,000	
401-450	65,250	Spin the wheel and get upto 65% Scholarship
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	 Scan QR Code



196 Identify the correct option (A), (B), (C), (D) with respect to spermatogenesis.



- (1) FSH, Sertoli cells, Leydig cells, spermatogenesis.
- (2) ICSH, Leydig cells, Sertoli cells, spermatogenesis.
- (3) FSH, Leydig cells, Sertoli cells, spermiogenesis
- (4) ICSH, Interstitial cells, Leydig cells, spermiogenesis.

197 The following are the statements about non-chordates :

- A. Pharynx is perforated by gill slits.
- B. Notochord is absent.
- C. Central nervous system is dorsal.
- D. Heart is dorsal if present.
- E. Post anal tail is absent.

Choose the most appropriate answer from the options given below :

- (1) B, D & E only
- (2) B, C & D only
- (3) A & C only
- (4) A, B & D only

198 Choose the correct statement regarding juxta medullary nephron.

- (1) Loop of Henle of juxta medullary runs deep into medulla.
- (2) Juxta medullary nephrons are in outer portion of cortex.
- (3) Juxta medullary nephrons are located in columns of Bertin.
- (4) Renal corpuscle of juxta medullary lies in the outer portion of the renal cortex.

199 Given below are two statements :

Statement I : Gause's competitive principle states that two closely related species competing for different resources can coexist indefinitely.

Statement II : According to Gause's principle during competition, the inferior will be eliminated. This may be true if resources are limiting.

- In the light of the above statements, choose the correct answer from the options given below :
- (1) Statement I is true but Statement II is false
 - (2) Statement I is false but Statement II is true
 - (3) Both Statement I and Statement II are true
 - (4) Both Statement I and Statement II are false

200 Regarding catalytic cycle of an enzyme select the correct sequential steps :

- A. Substrate enzyme complex formation
- B. Free enzyme ready to bind with a substrate.
- C. Release of products.
- D. Chemical bonds of the substrate broken
- E. Substrate binding to active site.

Choose the correct answer from the options given below :

- (1) B, A, C, D, E
- (2) E, D, C, B, A
- (3) E, A, D, C, B
- (4) A, E, B, D, C

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	ONLINE LIVE FREE
551-600	29,000	
501-550	43,500	Spin the wheel and get upto 65% Scholarship
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free MOST Exam	Scan QR Code

NEET ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 13th & 29th May 2024



Scan QR Code



ST Category Rank
From Rajasthan
Anuprati Batch

28 Students under 1000 Ranks & 435 Students under 10000 Ranks in NEET 2023

From Scores to Ranks
**Predictor Your
NEET 2024 Rank**

BY Motion's
**RANK
PREDICTOR**



Scan the QR Code



Discover Where Your
NEET Score Leads You.

BY Motion's
**COLLEGE
PREDICTOR**



Scan the QR Code



NEET ONLINE
ACHIEVER BATCH

(For Class 12th Pass)

Starting from : 10th, 17th & 24th May 2024

Fee-10,000/-

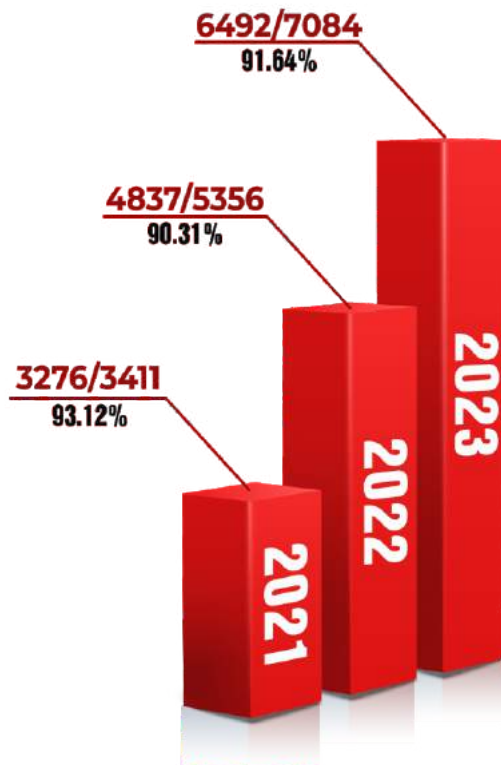
Get Scholarship
Through Spin the wheel

**SPIN THE WHEEL
WIN SCHOLARSHIP**
for NEETJEE Online Learning Program



Motion's NEET Selection Ratio 90%+

शब्दों से ज्यादा प्रभावी हैं परिणाम:- पिछले वर्षों के उच्चतम चयन अनुपात वाले संस्थान में शामिल हों!



Nitin Vijay
(NV Sir)



Amit Verma
(AV Sir)



Dr. Ashish Maheshwari
(AM Sir)



Jitendra Chandwani
(JC Sir)



Ashish Bajpai
(AB Sir)



Lalit Vijay
(LV Sir)

CRACK NEET *with*

BEST DIRECTORS TEAM OF KOTA

Join Our Full Year Classroom Course [Enroll Now](#)

For more updates, subscribe to the
Motion NEET **YouTube Channel**



Your gateway to selection in
NEET/JEE
with

MOTION ONLINE



AI-BASED DPP MACHINE **INDIA'S FIRST** **MIRACLE MACHINE**

that is capable of reading your mind. Motion, with its team of experts brings forth **AI-Based DPP Machine** that will automatically prepare a **subject – wise printed practice sheet** for you to enhance **your weaker points** in just 3 clicks!



**Highest Selection
Ratio (NEET)**

Total Student Qualified in 2023
6492 / 7084 = **91.64%**

Total Student Qualified in 2022
4837 / 5356 = **90.31%**



मोशन है, तो भरोसा है



NEET 2023 RESULT

Students Qualified **6492/7084 = 91.64%**

Rank-30



Vaibhav Sinha

Rank-71



Navya Mishra

**MOTION KI DROPPER
KOTA KI GIRLS TOPPER**
She has secured her position as a Topper among the entire Girl Category from Kota City & was a student of Motion's J Star Classroom English Medium Dropper Batch.

Rank-94



Palak Nishant Shah

Rank-103



Sayali Sunil Mahindrakar

Rank-123



Sahel Goyal

Rank-146



Pulkit Shivastava

Rank-148



Armaan Mittal

Rank-150



Pranjali Singh

Rank-153



Priyanshi Maheshwari

Rank-199



Aman Kumar

Rank-267



Ansh Agarwal

Rank-294



Kumar Bhaskar

Rank-303



Hariom Gautam

Rank-442



Vivek Parmar

Rank-520



Bhagirath Ram

Rank-566



Adarsh Kumar

Rank-590



Sumit Kumar

Rank-633



Suraj Kumar

Rank-699



Anvi Rastogi

Rank-725



Gunik Shrivastav

Rank-766



Rishabh Agrawal

Rank-850



Mohammad Ayaan Khan

Rank-894



Ram Kumar

Rank-897



Priyansh Jain

ADMISSION OPEN Session 2024-25

FOR OFFLINE ACHIEVER BATCH

For Class 12th Pass
NEET 2025
Starting From :

13th & 29th May 2024

JEE 2025

Starting From :
8th & 13th May 2024

NURTURE BATCH

For Class 10th to 11th Moving
NEET/JEE 2026
Starting From :

13th & 29 May 2024

FOR ONLINE AARAMBH ONLINE LIVE BATCH For NEET/JEE

At Just ₹ 10,000

Starting From
10th & 15th May 2024

Spin the wheel and get upto 65% Scholarship

Amrit
COMPLETE NEET/JEE
Online Preparation Package
for Classes 11th, 12th & 13th
Starts from ₹ 1,499

नीट/जेईई हिन्दी माध्यम के विद्यार्थियों एवं
आपकी करोड़ों में एक लाइली को,

Motion Education
दे रहा है, लाखों की
Scholarship
मात्र ₹ 90,000
प्रतिवर्ष में करें

(KOTA CENTER ONLY) NEET / JEE (Main + Advanced) की तैयारी

Scan QR Code

KNOW YOUR SCHOLARSHIP
No Exam, No Registration Fee,
Direct Scholarship
On NEET/JEE Classroom & Online Programs

Get Scholarship on the basis of NEET 2024 Marks

NEET Marks	Fee After Scholarship for Offline Classroom	Fee After Scholarship for Online Live Classroom
600+	FREE	Online Live Free
551-600	29,000	
501-550	43,500	
451-500	58,000	
401-450	65,250	
301-400	72,500	
201-300	87,000	
151-200	1,01,500	
101-150	1,16,000	
Below 100	Free Most Exam	

Spin the wheel
and get upto
65% Scholarship



Scan QR Code

Appear in

MOTION OPEN SCHOLARSHIP TEST
& Get upto 100% SCHOLARSHIP

For Student Moving Class 6th to 10th
& 11th, 12th & 13th (Science)

Scan QR Code

DHRUV

ALL UNDER ONE ROOF PROGRAM
For Class 7th to Class 12th Students

DHRUV - Phase-1 : Admission Closed | Phase-2 : Open
♦ Life Skills Development ♦ Integrated Kota Coaching
♦ Affordable Fee Structure ♦ Safe and Positive Environment
(KOTA CENTER ONLY)

Do you want to Enroll with a program
in KOTA that has a track record
of 100% Selection

JSTAR BATCH

Eligibility Criteria :

More than 500 Marks



1800 212 1799

Motion Corporate Office : 394, Rajeev Gandhi Nagar, Kota (Raj.)
Email : info@motion.ac.in | Website : www.motion.ac.in



NEET Campus (At Kota) : "Daksh-1" 638, Near CAD Circle, Dadabari, Kota (Raj.)



"Daksh-2" CAD Circle, Near Dainik Bhaskar Office, Shakti Nagar, Dadabari, Kota (Raj.)