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TEST PAPER

STUDYING IN
CLASS XI

CLASS XI MOVING TO XII



NEET (UG) | JEE (Main + Advanced) | OLYMPIADS | BOARDS | CLASS 6th TO 10th

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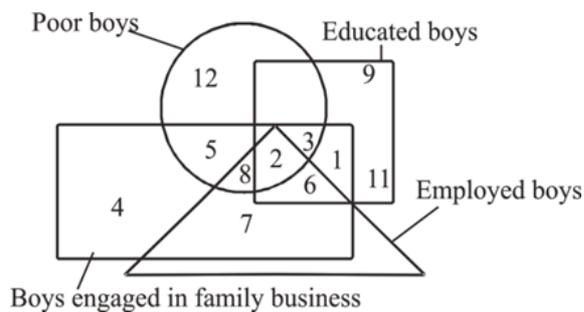
BEWARE OF NEGATIVE MARKING

PART - I, IQ (MENTAL ABILITY)

This section contains **20 Multiple Choice Question**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

- If eye is called hand, hand is called mouth, mouth is called ear, ear is called nose and nose is called tongue, with which of the following would a person hear?
(1) Eye (2) Mouth (3) Nose (4) Ear
- 2, 10, 20, 32, 46, ?
(1) 62 (2) 64 (3) 78 (4) 80
- If Z = 2197 and R = 729. How would J be written in that code?
(1) 216 (2) 214 (3) 512 (4) 125
- If the letters in the word RUTHENIUM are rearranged in the alphabetical order, which letter will be second to the right of middle letter?
(1) I (2) T (3) N (4) R
- Mohit walks 6 km to the east and then turns to the south and walks 5 km. Again he turns to the east and walks 6 km. Next, he turns northwards and walks 10 km. How far is he now from his starting point?
(1) 5 km (2) 12 km (3) 13 km (4) 17 km
- Read the following information carefully.

In the diagram given below the circle represents poor boys, the square represents educated boys, the triangle represents the boys who are employed somewhere and the rectangle represents those who help in the family business. Each section of the diagram is numbered. Now, answer the questions given below on the basis of the diagram.



Which number represents those poor boys who help in family business but not educated or employed elsewhere?

- (1) 2 (2) 3 (3) 4 (4) 5
- In each of the following questions, choose one word which can be formed from the letters of the given word.
R H I N O C E R O S
(1) RENAL (2) HIND (3) SURE (4) HORSE

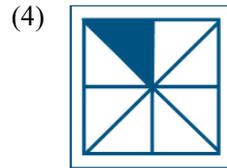
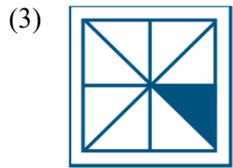
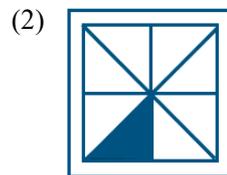
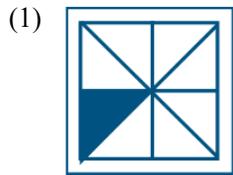
8. If 'book' is called 'watch', watch is called 'bag', 'bag' is called 'dictionary' and 'dictionary' is called 'window', which is used to carry the books?

- (1) Dictionary (2) Bag (3) Book (4) Watch

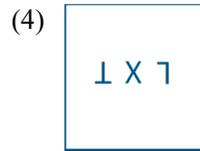
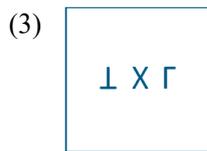
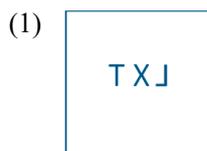
9. Choose the correct mirror image from the options of the fig.(X) if the mirror is placed vertically left.



(X)



10. Which answer figure will be the correct water image the question figure?

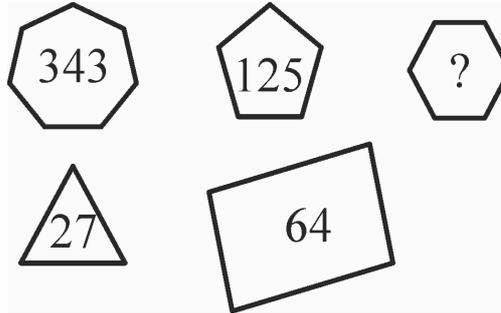


11. In each of the following questions, arrange the given words in the sequence in which they occur in the dictionary and then choose the correct sequence.

- 1.Wound
- 2.Writer
- 3.Whiter
- 4.Worst
- 5.Worked

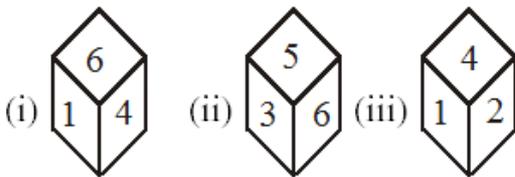
- (1) 1, 4, 3, 5, 2 (2) 2, 1, 3, 4, 5 (3) 3, 5, 4, 1, 2 (4) 5, 3, 2, 1, 4

12. What number should replace the question mark?



- (1) 216 (2) 316 (3) 117 (4) 215

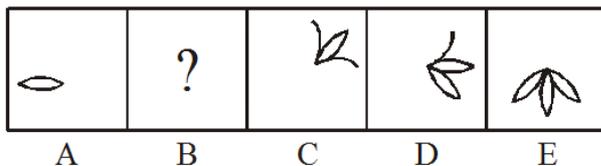
13. Three positions of a dice are given. Based on them, find out which number is found opposite the number 2 in the given cube.



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

14. In the following question, there is a set of four figures labelled A, B, C and D called the Problem Set followed by a set of four other figures labelled 1, 2, 3 and 4 called the Answer set. Figure (C) contains a question mark. Select a suitable figure from the Answer Set which will substitute this question mark so that a series is formed by the figures A, B, C and D taken in order. The number of the selected figure is the answer.

Problem Figures



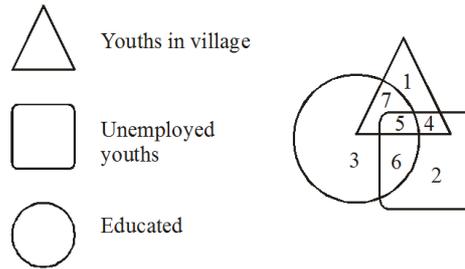
Answer Figures



15. A, B, C, D, E and F are sitting in a row facing North. A is neighbour of B and D. E is neighbour of C and F. D is neighbour of C. How many members are there between A and E?

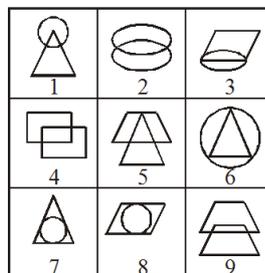
- (1) Two (2) One (3) Three (4) Four

16. Study the diagram given here carefully and answer the questions that follow:

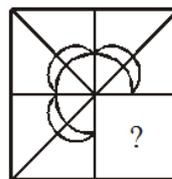


Unemployed youths are represented by

- (1) 4, 5, 6, 7 (2) 6, 2, 7, 1 (3) 4, 2, 5, 6 (4) 4, 2, 5, 3
17. 'Barin' village is 20 kilometres to the north of village 'Khanot'. Village 'Banoha' is 18 kilometres to the east of village 'Khanot'. Village 'Palasi' is 12 kilometres to the west of 'Barin.' If amitabh starts from village Banoha and goes to village Palasi in which direction is he from his starting point?
- (1) North-East (2) North-West (3) South-East (4) North
18. Given question is based on the following set of figures
4, 5, 8, 9, 7, 6, 5, 3, 7, 4, 2, 8, 9, 7, 2, 4, 5, 9, 2, 9, 7, 6, 4, 7
Which figure has highest frequency?
- (1) 7 (2) 9 (3) 6 (4) 2
19. Group the following figures into three classes on the basis of identical properties.



- (1) 1, 5, 9; 2, 7, 8; 3, 4, 6 (2) 1, 5, 6; 4, 7, 8; 3, 3, 9
- (3) 2, 4, 9; 6, 7, 8; 1, 3, 5 (4) 3, 7, 8; 4, 5, 9; 1, 2, 6
20. In the following question, select a figure from amongst the four alternatives, which when placed in the blank space of fig (X) would complete the pattern.



(X)

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

PART - II, SECTION-A : PHYSICS

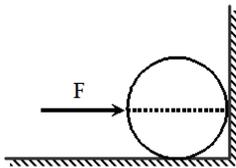
This section contains **20 Multiple Choice Question**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

21. A monkey of mass 30 kg climbs a rope which can withstand a maximum tension of 360 N. The maximum acceleration which this rope can tolerate for the climbing of monkey is:

($g = 10 \text{ ms}^{-2}$)

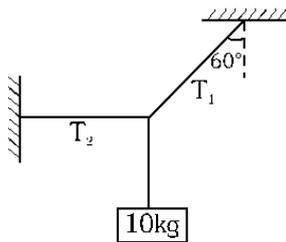
- (1) 2 ms^{-2} (2) 3 ms^{-2} (3) 4 ms^{-2} (4) 5 ms^{-2}

22. A ball of mass m kept at the corner as shown in the figure, is acted by a horizontal force F . The correct free body diagram of ball is



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

23. If system is in balance condition. Find out tension T_1 and T_2 :-



- (1) 100N, 100N (2) 200N, 100N (3) $100\sqrt{3} \text{ N}$, 200N (4) 200N, $100\sqrt{3} \text{ N}$

24. A ball of mass 1 kg. moving with a velocity of 4 m/sec. collides with a stationary ball. The collision is oblique. After the collision the first moves at right angle to its, initial direction with a velocity of 3 m/s. The momentum of the second ball (in kg. m/s.) after collision would be nearly-

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

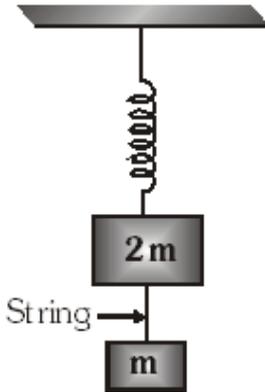
25. A particle in a certain conservative force field has a potential energy given by $U = \frac{20xy^2}{z^2}$. The force exerted on it is

- (1) $\left(\frac{20y^2}{z^2}\right)\hat{i} + \left(\frac{40xy}{z^2}\right)\hat{j} + \left(\frac{40xy^2}{z^3}\right)\hat{k}$ (2) $-\left(\frac{20y^2}{z^2}\right)\hat{i} - \left(\frac{40xy}{z^2}\right)\hat{j} + \left(\frac{40xy^2}{z^3}\right)\hat{k}$
 (3) $-\left(\frac{20y^2}{z^2}\right)\hat{i} - \left(\frac{40xy}{z^2}\right)\hat{j} - \left(\frac{40xy^2}{z^3}\right)\hat{k}$ (4) $\left(\frac{20y^2}{z^2}\right)\hat{i} + \left(\frac{40xy}{z^2}\right)\hat{j} - \left(\frac{20xy^2}{z^2}\right)\hat{k}$

26. The initial speed of a projectile fired from ground is u . At the highest point during its motion, the speed of projectile is $\frac{\sqrt{3}}{2}u$. The time of flight of the projectile is:

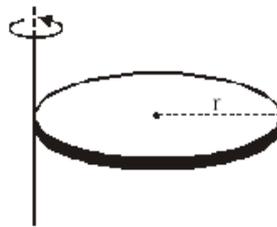
- (1) $\frac{u}{2g}$ (2) $\frac{u}{g}$ (3) $\frac{2u}{g}$ (4) $\frac{\sqrt{3}u}{g}$

27. The string between mass m and $2m$ is inextensible. If the string is cut find the magnitudes of accelerations of mass $2m$ and m :-



- (1) g, g (2) $g, g/2$ (3) $g/2, g$ (4) $g/2, g/2$

28. A solid sphere of radius R has moment of inertia I about its geometrical axis. If it is melted into a disc of radius r and thickness t . If it's moment of inertia about the tangential axis (which is perpendicular to plane of the disc), is also equal to I , then the value of r is equal to :-



- (1) $\frac{2}{\sqrt{15}}R$ (2) $\frac{2}{\sqrt{5}}R$ (3) $\frac{3}{\sqrt{15}}R$ (4) $\frac{\sqrt{3}}{\sqrt{15}}R$

29. A boat man can row with a speed of 10 km/hr in still water. The river flow steadily at 5 km/hr and the width of the river is 2 km. If the boat man cross the river with reference to minimum distance of approach then time elapsed in rowing the boat will be :-

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

30. If $\hat{a} + 2\hat{b}$ and $5\hat{a} - 4\hat{b}$ are perpendicular to each other, find angle between \hat{a} and \hat{b} :-

- (1) 60° (2) 90° (3) 45° (4) None

31. A rocket of mass 6000 kg is set for vertical firing. If the exhaust speed be 1 km/s, how much gas must be ejected to give the rocket an upward acceleration of 20 ms^{-2} ? (Take $g = 10 \text{ ms}^{-2}$)

- (1) 45 kg/s (2) 90 kg/s (3) 120 kg/s (4) 180 kg/s

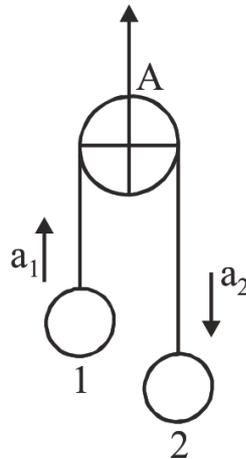
32. The moment of inertia of a uniform rod about a perpendicular axis passing through one end is I_1 . The same rod is bent into a ring and its moment of inertia about a diameter is I_2 . Then I_1/I_2 is :-

- (1) $\frac{\pi^2}{3}$ (2) $\frac{2\pi^2}{3}$ (3) $\frac{4\pi^2}{3}$ (4) $\frac{8\pi^2}{3}$

33. The velocity of a body depends on time according to the equation $v = \frac{t^2}{10} + 20$. The body is undergoing :-

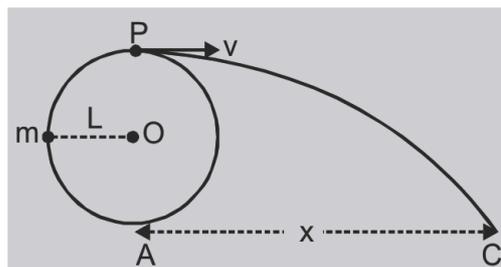
- (1) Uniform acceleration (2) Uniform retardation
(3) Non-uniform acceleration (4) Zero acceleration

34. Two masses are connected by a string which passes over a pulley accelerating upwards at a rate A as shown. If a_1 and a_2 be the accelerations of bodies 1 and 2 respectively, then :



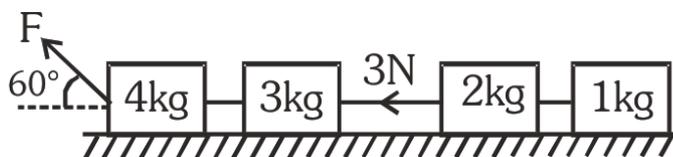
- (1) $A = a_1 - a_2$ (2) $A = a_1 + a_2$ (3) $A = \frac{a_1 - a_2}{2}$ (4) $A = \frac{a_1 + a_2}{2}$

35. A body tied to a string of length L is revolved in a vertical circle with minimum velocity, when the body reaches the upper most point the string breaks and the body moves under the influence of the gravitational field of earth along a parabolic path. The horizontal range AC of the body will be :-



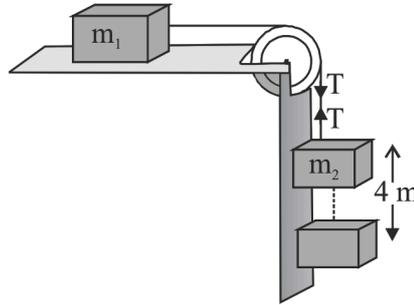
- (1) $x = L$ (2) $x = 2L$ (3) $x = 2\sqrt{2L}$ (4) $x = \sqrt{2L}$

36. Figure shows four blocks that are being pulled along a smooth horizontal surface. The masses of the blocks and tension in one cord are given. The pulling force F is :-

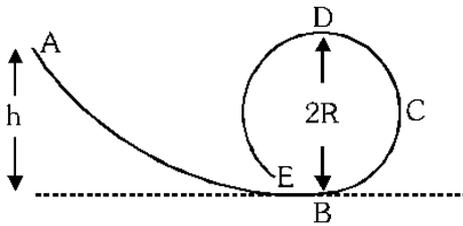


- (1) 5 N (2) 10 N (3) 12.5 N (4) 20 N

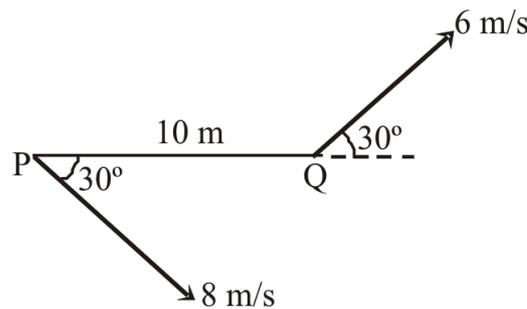
37. Two masses $m_1 = 10 \text{ kg}$ and $m_2 = 5 \text{ kg}$ are connected by an ideal string as shown in the figure. The coefficient of friction between m_1 and the surface is 0.2. Assuming that the system is released from rest, the velocity when m_2 has descended by 4 m is



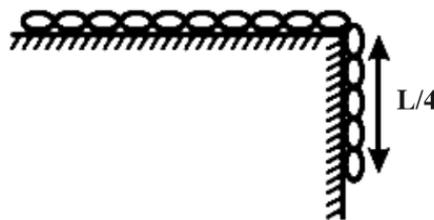
- (1) 17 ms^{-1} (2) 14 ms^{-1} (3) 4 ms^{-1} (4) 3.5 ms^{-1}
38. A frictionless track ABCDE ends in a circular loop of radius R . A body slides down the track from point A which is at a height $h = 5 \text{ cm}$. Maximum value of R for the body to successfully complete the loop is :-



- (1) 5 cm. (2) 2 cm. (3) $\frac{10}{3} \text{ cm}$. (4) $\frac{15}{4} \text{ cm}$.
39. Two moving particles p and Q are 10 m apart at a certain instant. The velocity of P is 8m/s making an angle 30° with the line joining P and Q and that of Q is 6m/s making an angle 30° with PQ as shown in the figure. Then angular velocity of P with respect to Q is :-



- (1) Zero (2) 0.1 rad/sec (3) 0.4 rad/sec (4) 0.7 rad/sec
40. A rope of mass M and length L is hanging on table with $1/4^{\text{th}}$ length as shown, then work required to pull it on table will be :



- (1) $\frac{MgL}{4}$ (2) $\frac{MgL}{32}$ (3) $\frac{MgL}{16}$ (4) $\frac{MgL}{8}$

SECTION-B : CHEMISTRY

This section contains **20 Multiple Choice Question**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

41. Heat capacity at phase transition will be :-

- (1) 0 (2) ∞ (3) 1 (4) None of these

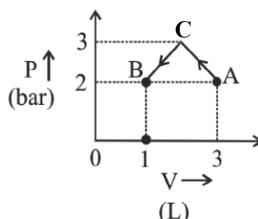
42. A gas is allowed to expand from a volume of 1.0 L to 10.0 L against a constant external pressure of 0.50 atm. If the gas absorbs 250 J of heat from the surroundings, what are the values of q, w and ΔE ?

	q	w	ΔE
(1)	250 J	-455 J	-205 J
(2)	-250 J	-455 J	-710 J
(3)	250 J	455 J	710 J
(4)	-250 J	455 J	205 J

43. In which process work is behaving as a state function

- (1) Isothermal (2) Isobaric (3) Isochoric (4) Adiabatic

44. Calculate work done (in bar-L) in path ACB.



- (1) 1 (2) 5 (3) 0 (4) 3

45. Which of the following molecular orbital has two nodal planes ?

- (1) σ_{2s} (2) π_{2py} (3) π^*_{2py} (4) σ^*_{2px}

46. Which of the following statements is incorrect ?

- (1) In O_2 molecules, the energy of σ_{2pz} is more than π_{2py}
 (2) C_2 , O_2^{-2} and N_2 are diamagnetic
 (3) He_2 molecule does not exist as the effect of bonding and anti-bonding orbitals cancel each other
 (4) Among O_2^+ , O_2 and O_2^- the order of bond strength is $O_2^+ > O_2 > O_2^-$

47. If compound MX_4 has $\mu = 0$ then most probable geometry will be :-

- (1) Trigonal bipyramidal (2) Square bipyramidal
 (3) Pentagonal bipyramidal (4) distorted tetrahedral

48. Which orbitals overlap to form bond in OF_2

- (1) $sp^3 - 2p$ (2) $sp^2 - 2p$ (3) $sp - 2p$ (4) $p - p$

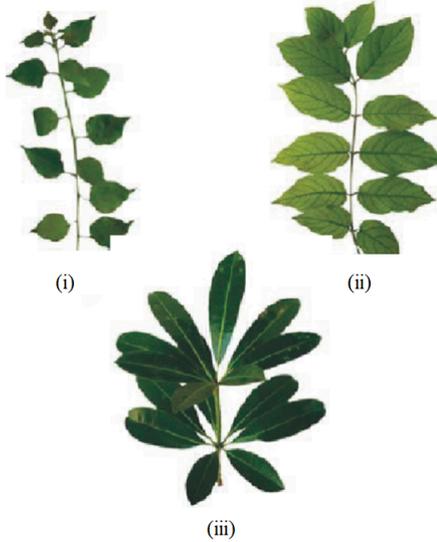
70. The circle lying in the first quadrant whose centre lies on the curve $y = 2x^2 - 27$ is tangent to $4x - 3y = 0$ and the y-axis then the radius of the circle is
- (1) $\frac{18}{5}$ (2) 9 (3) 5 (4) $\frac{9}{2}$
71. The number of common tangents to the circles $x^2 + y^2 = 4$ and $x^2 + y^2 - 8x + 12 = 0$ is
- (1) 1 (2) 2 (3) 3 (4) 4
72. If the $\left(a, \frac{1}{a}\right), \left(b, \frac{1}{b}\right), \left(c, \frac{1}{c}\right), \left(2, \frac{1}{2}\right)$ are four distinct points lie on a circle then abc is
- (1) 1 (2) 2 (3) $\frac{1}{2}$ (4) $\frac{1}{3}$
73. Vertices of a triangle are $(4, 3), (5\sin\theta, 5\cos\theta), (5\cos\theta, -5\sin\theta)$, then the locus of the centroid (θ is parameter) is -
- (1) $(x - 4)^2 + (y - 3)^2 = 50$ (2) $(3x - 4)^2 + (3y - 3)^2 = 50$
 (3) $(x + 4)^2 + (y + 3)^2 = 50$ (4) $(3x + 4)^2 + (3y + 3)^2 = 50$
74. Let $\frac{x}{\left(a + \frac{1}{a}\right)} + \frac{y}{4} = 1$ ($a > 0$) cuts x-axis at A and y-axis at B, then minimum area of ΔOAB is (where O is origin) -
- (1) 1 (2) 2 (3) 3 (4) 4
75. Sum of all the values of t for which the lines $2x + 3y = 5, t^2x + ty - 6 = 0$, and $3x - 2y - 1 = 0$ are concurrent
- (1) $\frac{1}{4}$ (2) 3 (3) -1 (4) 2
76. If $2(6^x) - 54(2^x) - 16(3^x) + 432 = 0$, then x is equal to -
- (1) 1 (2) 2 (3) 3 (4) 4
77. A survey shows that 61% of Indian like cheese where as 72% like mangoes. If $\mu\%$ of the Indian like both cheese and mangoes then
- (1) $\mu < 61$ (2) $\mu < 33$ (3) $\mu > 61$ (4) $33 \leq \mu \leq 61$
78. Which of the following is possible
- (1) $\sin \theta = \frac{2 + \sqrt{3}}{2 - \sqrt{3}}$ (2) $\sec \theta = \frac{3}{13 + x^2}; x \in \mathbb{R}$
 (3) $\cos \theta = \frac{1 - x^2}{1 + x^2}$ (4) $\sin\theta\cos\theta = 1$
79. If $a_1; a_2; a_3; \dots; a_{17}$ are in an A.P such that $a_9 = 5$, then $\sum_{r=1}^{17} a_r$ is equal to -
- (1) 45 (2) 85 (3) 90 (4) 170
80. Let $x(x + 1)(x + 2)(x + 3) - 8 = (x^2 + ax - b)(x^2 + ax - c)$, then ($b > c$)
- (1) $a + b - c = 9$ (2) $a + b - c = 1$ (3) $ab < c$ (4) $ab \leq c$

SECTION-D : BIOLOGY

This section contains **20 Multiple Choice Question**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

81. *Chlorella* are placed according to Whittaker classification, in :
- (1) Pyrophyta (2) Protozoans
(3) Protista (4) Both in pyrophyta and chrysochyta
82. Which of the following is **true** for *Mycoplasma* :-
- (1) They have cell wall made up of peptidoglycan (2) They can survive without oxygen
(3) They have nuclear membrane (4) They are autotrophic
83. Which plant group shows a dominant sporophyte that is vascular and produces spores by meiosis on sporangia borne on sporophylls and often requires water for fertilization?
- (1) Pteridophytes (2) Bryophytes (3) Gymnosperms (4) Angiosperms
84. **Statement-1** :- Bryophytes are also called amphibians of plant kingdom.
Statement-2 :- Bryophytes can live in soil but are dependent on water for fertilization.
- (1) Statement-1 is true, Statement-2 is true; Statement-2 is not the correct explanation of Statement-1.
(2) Statement-1 is false, Statement-2 is true.
(3) Statement-1 is true, Statement-2 is false.
(4) Statement-1 is true, Statement-2 is true; Statement-2 is the correct explanation of Statement-1.
85. Many lipids have both glycerol and fatty acids linked together by :-
- (1) Glycosidic linkage (2) Hydrogen bond (3) Ester bond (4) Peptide bond
86. Choose the incorrect option for cell wall :-
- (1) Cell wall forms an outer covering of the plasma membrane of fungi and plants
(2) It protects the cell from mechanical damage and infection
(3) Algae have cell wall made up of cellulose, hemicellulose, pectins and proteins
(4) It provides barrier to undesirable macromolecules
87. The movement of centrioles occurs towards the opposite poles in:-
- (1) Anaphase (2) G₁-phase (3) Prophase (4) S-phase
88. Main constituent of middle lamella is :-
- (1) Ca pectate (2) Mg pectate (3) Glycolipid (4) Hemicellulose
89. V, J and L shape chromosome occur in
- (1) Prophase (2) Anaphase (3) Metaphase (4) Telophase

90. Study the given figure and identify the kind of phyllotaxy :-

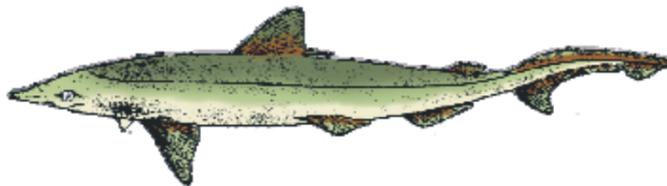


	(i)	(ii)	(iii)
(1)	Alternate	Opposite	Opposite
(2)	Alternate	Opposite	whorled
(3)	Opposite	Alternate	whorled
(4)	Opposite	whorled	Alternate

91. Which of the following is pseudocoelomate?

- (1) *Hydra* (2) *Periplaneta* (3) *Ascaris* (4) *Pheretima*

92. How many of the following statements are true for given figure ?



- (a) Notochord is persistent throughout life
 (b) Gill slits are separate and without operculum
 (c) In males pelvic fins bear claspers
 (d) They are viviparous

- (1) Four (2) Three (3) Two (4) One

93. During summer frogs take shelter in deep burrows to protect them from extreme heat is called as

- (1) Aestivation (2) Hibernation (3) Diapause (4) Menopause

94. In heart of frog a triangular structure calledjoins the right atrium

- (1) Conus arteriosus (2) Sinus venosus (3) Pericardium (4) Lymph

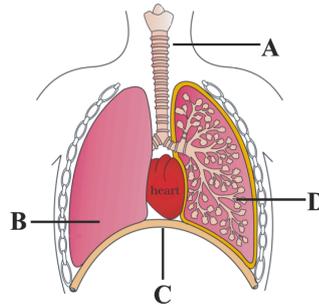
95. Total volume of air a person can expire after normal inspiration.

- (1) TV + IRV (2) Only TV (3) TV + ERV (4) TV + ERV + IRV

96. What would happen when blood is acidic ?

- (1) Binding of oxygen with haemoglobin increases
- (2) White blood cells are formed in higher number
- (3) Binding of oxygen with haemoglobin decreases
- (4) There is no change in oxygen binding nor number of RBC

97. Given diagram is view of human respiratory system. Identify A, B, C and D with their description :-



- (1) **A**-Trachea, A straight tube, divides at the level of 5th pair of ribs
- (2) **B**-Lung, The branching network of bronchi, bronchioles and alveoli comprise the lungs
- (3) **C**-Diaphragm, Relaxation of diaphragm increases the volume of thoracic chamber in anteroposterior axis
- (4) **D**-Alveoli, In alveolar air PO_2 is higher and PCO_2 is lesser as compared to atmospheric air.

98. Some symptoms of a disorder are given read them and identify the disorder :-

- (a) Alveolar walls are damaged
- (b) Respiratory surface is decreased
- (c) Smoking is major cause

- (1) Asthma
- (2) Emphysema
- (3) Silicosis
- (4) Pneumonia

99. Match the following and mark the correct options

Animal	Respiratory Organ
A. Earthworm	i. Moist cuticle
B. Arthropods	ii. Gills
C. Fishes	iii. Lungs
D. Birds/Reptiles	iv. Trachea

- (1) A-ii, B-i, C-iv, D-iii
- (2) A-i, B-iv, C-ii, D-iii
- (3) A-i, B-iii, C-ii, D-iv
- (4) A-i, B-ii, C-i.v, D-iii

100. **Assertion :-** Larynx is a cartilaginous box which helps in sound production.

Reason :- Epiglottis flap covers the glottis during swallowing and prevents the entry of food into the larynx.

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



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Time: 2Hrs.

Maximum Marks: 320

Please read the instructions carefully. You are allotted 5 minutes specifically for this purpose.

INSTRUCTIONS

1. This booklet is your Question Paper. **DO NOT** break seal of Booklet until the invigilator instructs to do so.
2. Fill your Form No. in the space provided on the top of this page.
3. The Answer Sheet is provided to you separately which is a machine readable Optical Response Sheet (**ORS**). You have to mark your answers in the **ORS** by darkening bubble, as per your answer choice, by using **black & blue ball point pen**.
4. Total Questions to be Attempted **80. Part-I** : 20 Questions & **Part-II** : 60 Questions.
5. After breaking the Question Paper seal, check the following :
 - a. There are **16 pages** in the booklet containing question no. 1 to 100 under 2 Parts i.e. Part-I & Part-II.
 - b. Part-I contains total 20 questions of IQ (Mental Ability).
 - c. Part-II contains total 80 questions under 4 sections which are-
Section (A) : Physics, Section (B): Chemistry, Section (C): Mathematics* & Section (D): Biology*. ***Important : *For Engineering Stream attempt Only Section-A (Physics), Section-B (Chemistry) & Section-C (Mathematics).**
***For Medical Stream attempt Only Section-A (Physics), Section-B (Chemistry) & Section-D (Biology).**
6. **Marking Scheme :**
 - a. If darkened bubble is RIGHT answer : **4 Marks**.
 - b. If no bubble is darkened in any question: **No Mark**.
 - c. **Only for part - II** : If darkened bubble is WRONG answer: **-1 Mark (Minus One Mark)**.
7. Think wisely before darkening bubble as there is negative marking for wrong answer.

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