

A Specially Designed Initiative
to Encourage Young Talent by



TALLENTEX 2018 : (15, October 2017)

PAPER CODE

E

TALLENTEX

ALLEN'S Talent Encouragement Exam

2018

CLASS - 10th (X)

Duration: 2 Hrs. | Maximum Marks : 320

Answer Sheet No.

T

6

Tallentex Roll No.

6

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

Things NOT ALLOWED in EXAM HALL : Blank Paper, clipboard, log table, slide rule, calculator, camera, mobile and any electronic or electrical gadget. If you are carrying any of these, then keep them at a place specified by invigilator at your own responsibility.

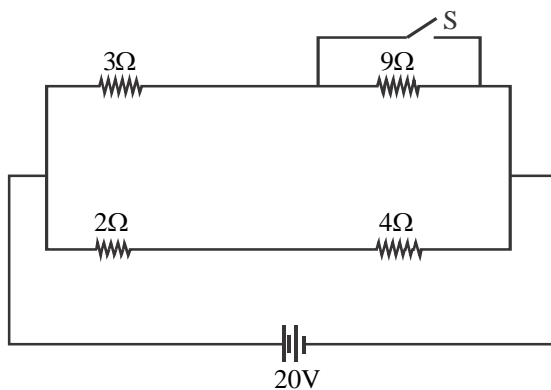
INSTRUCTIONS

1. This Booklet is your Question Paper. DO NOT break seal of Booklet until the invigilator instructs to do so.
2. Fill your TALLENTX Roll No. & Answer Sheet No. in the space provided on the cover page.
3. Carefully fill your **PAPER CODE** and present **CLASS** in space provided (**Serial No. 6 & 12**) of optical response sheet.
4. Please make sure that paper you received is of your class only.
5. Please make sure that the **Paper Code** Printed on the **Test Booklet Cover Page** and **Inner Pages** are the same. In case of discrepancy, the candidate should immediately report the matter to the Invigilator for replacement of Test Booklet.
6. 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 or blue ball point pen.
7. After breaking the Question Paper seal, check there are **12 pages** in the booklet. This Question Paper contains 80 MCQs with 4 choices (Subjects: Physics: 15, Chemistry: 15, Biology: 15, Maths: 15 & Mental ability: 20).
8. Think wisely before darkening bubble as **there is negative marking for wrong answer**. Answer once marked by pen cannot be cancelled.
9. Marking Scheme:
 - a. If darkened bubble is RIGHT answer: 4 Marks.
 - b. If darkened bubble is WRONG answer: -1 Mark (Minus One Mark).
 - c. If no bubble is darkened in any question: No Mark.
10. If you are found involved in cheating or disturbing others, then your ORS will be cancelled.
11. Do not put any stain on ORS and hand it over back properly to the invigilator.
12. You can take along the question paper after the test is over.

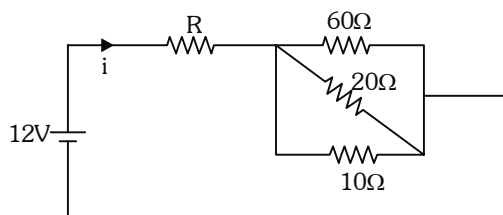
SECTION-A : PHYSICS

This section contains **15 Multiple Choice Questions**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

- In SONAR, we use
 (1) Ultrasonic waves (2) Infrasonic waves
 (3) Radio waves (4) None of these
- If a car covers $\frac{2}{5}$ th of the total distance with v_1 speed and remaining $\frac{3}{5}$ th distance with v_2 , then average speed is-
 (1) $\frac{1}{2}\sqrt{v_1 v_2}$ (2) $2(v_1 + v_2)$ (3) $\frac{2v_1 v_2}{v_1 + v_2}$ (4) $\frac{5v_1 v_2}{3v_1 + 2v_2}$
- Two wires of same length and material have radii r and $2r$. The ratio of their specific resistances is :
 (1) 1 : 2 (2) 1 : 1 (3) 1 : 4 (4) 4 : 1
- If a piece of metal was thought to be magnet, which one of the following observation would offer conclusive evidence :
 (1) It attracts a known magnet (2) It repels a known magnet
 (3) Neither (1) nor (2) (4) Both (1) and (2)
- In the circuit given below, the percentage change in the total heat dissipated per unit time on closing the switch S is :

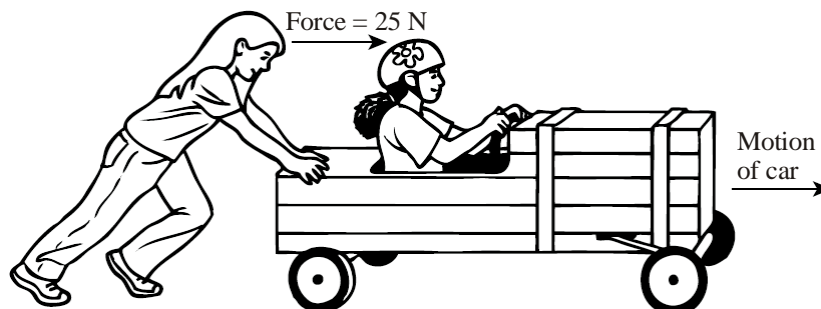


- (1) 50% increase (2) 50% decreases
 (3) 100% increase (4) 75% increase
- When a charged particle enters a uniform magnetic field, then which of the following paths are possible?
 (1) Straight line (2) Circular (3) Helical (4) All of these
- In the given figure $i = 0.25\text{A}$, then the value 'R' will be



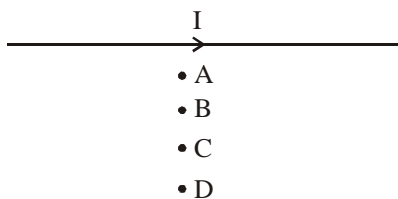
- (1) 48 Ω (2) 12 Ω (3) 120 Ω (4) 42 Ω

8. The diagram shows a homemade car being pushed with a force of 25 N.



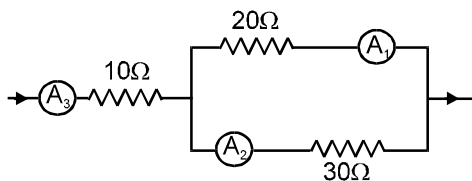
The force causes the car to move at a constant speed of 3 m/s. What will happen if the force is changed to 35 N?

- (1) The car will move at a constant speed of 13 m/s.
 - (2) The speed of the car will not change.
 - (3) The speed of the car will increase.
 - (4) The speed of the car will decrease to 1 m/s.
9. Where is the magnetic field strongest in the figure shown below.

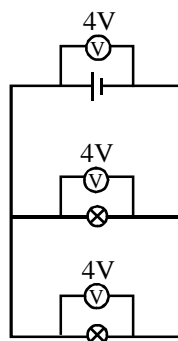


- (1) A (2) B (3) C (4) D
10. A boy is sitting on a swing which can go upto a maximum height of 5 m from the ground. When it returns from maximum height to its lowest position which is at height 2 m above the ground, its velocity at lowest position is (approximately) ($g = 10 \text{ m/s}^2$)
- (1) 9.8 m/s (2) 7.7 m/s (3) 6.26 m/s (4) 8.2 m/s
11. If you were asked to carry a 10 kg mass piece on each of the planets, select the planets in order, from the one where you would find it lightest to the one where it would be the heaviest
- (1) Mercury – Venus – Earth – Mars – Jupiter
 - (2) Jupiter – Mars – Earth – Venus – Mercury
 - (3) Mercury – Mars – Venus – Earth – Jupiter
 - (4) Mars – Mercury – Venus – Earth - Jupiter
12. When balanced forces acts on a body, the body :
- (1) must continue its state of rest, if already at rest
 - (2) must continue moving with uniform velocity, if already in uniform motion
 - (3) must experience some acceleration
 - (4) both (1) and (2)

13. If the reading of ammeter A_1 in figure is 2.4 A, what will the ammeters A_2 and A_3 read ? Neglect the resistance of the ammeters.



- (1) 1.6 A, 4.0 A (2) 1.8A, 4.0A (3) 2.0A, 4.2A (4) None of these
14. In the circuit below, if the current in both bulbs is the same then :



- (1) the total current is 12A
(2) the bulbs have the same resistance
(3) the bulbs have no resistance
(4) the current through the cell is the same as the current through each bulb.
15. If the magnitude of momentum of a certain body be increased by 50%, its kinetic energy will increase by:
- (1) 125% (2) 150% (3) 50% (4) 62.5%

SECTION-B : CHEMISTRY

This section contains **15 Multiple Choice Questions**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

16. Gram atomic weight of oxygen is
(1) 16 amu (2) 16 g (3) 32 amu (4) 32 g
17. If 8 ml. of uncombined O_2 remain after exploding O_2 with 4 ml. of hydrogen, the number of ml. of O_2 originally were :
(1) 12 (2) 2 (3) 10 (4) 4
18. Which of the following pairs represent isobars?
(1) ${}^3_2\text{He}$ and ${}^4_2\text{He}$ (2) ${}^{24}_{12}\text{Mg}$ and ${}^{25}_{12}\text{Mg}$ (3) ${}^{40}_{19}\text{K}$ and ${}^{40}_{20}\text{Ca}$ (4) ${}^{39}_{19}\text{K}$ and ${}^{40}_{20}\text{Ca}$
19. Number of molecules in 100 ml each of O_2 , NH_3 and CO_2 at STP are in the order
(1) $CO_2 < O_2 < NH_3$ (2) $NH_3 < O_2 < CO_2$ (3) $NH_3 = CO_2 < O_2$ (4) $NH_3 = CO_2 = O_2$
20. Identify the incorrect equations representing thermite reduction :
(1) $Cr_2O_3 + 2Al \rightarrow Al_2O_3 + 2Cr$ (2) $3Mn_2O_4 + 8Al \rightarrow 4Al_2O_3 + 9Mn$
(3) $Fe_2O_3 + 2Al \rightarrow Al_2O_3 + 2Fe$ (4) None of these

21. If the pH of an aqueous solution of NaOH is 11, then the concentration of hydroxide ions in mol/L will be
(1) 11 (2) 10^{-11} (3) 3 (4) 10^{-3}
22. A dilute solution of sodium carbonate was added to two test tubes one containing dil. HCl (A) and the other containing dil. NaOH (B). The correct observation was
(1) a brown coloured gas liberated in test tube A
(2) a brown coloured gas liberated in test tube B.
(3) a colourless gas liberated in test tube A
(4) a colourless gas liberated in test tube B.
23. The pH of a 10^{-8} M NaOH solution is:
(1) 8 (2) 6 (3) 7.05 (4) 6.75
24. The most abundant metal on the earth's crust is
(1) Aluminium (2) Copper (3) Silicon (4) Oxygen
25. The product obtained on passing excess carbondioxide through lime water is —
(1) CaCO_3 (2) $\text{Ca}(\text{HCO}_3)_2$ (3) CaHCO_3 (4) Ca_2CO_3
26. Five valence electrons of $_{15}\text{P}$ are labelled as A, B, X, Y, Z. If A and B are 3s electrons while, X, Y and Z are 3p electrons and spin quantum number (SQN) of B and Z is $+\frac{1}{2}$, the group of e^- having 3 quantum numbers same are
(1) XYZ, AZ (2) AB, XYZ (3) BZ (4) AZ
27. The element having no neutron in the nucleus of its atom is
(1) Hydrogen (2) Nitrogen (3) Helium (4) Boron
28. Heating pyrites in air to remove sulphur is known as:-
(1) Roasting (2) Calcination (3) Smelting (4) Fluxing
29. 10 ml of freshly prepared iron sulphate solution was taken in each of four test tubes. Strips of copper, iron, zinc and aluminium were introduced in each of the test tubes. A black residue was obtained in two of them. The right pair of metals forming the precipitates is
(1) Copper and zinc (2) Aluminium and copper
(3) Iron and aluminium (4) Zinc and aluminium
30. In which of the following reactions is there a change in the oxidation number of nitrogen atom ?
(1) $2\text{NO}_2 \longrightarrow \text{N}_2\text{O}_4$ (2) $\text{NH}_3 + \text{H}_2\text{O} \longrightarrow \text{NH}_4^+ + \text{OH}^-$
(3) $\text{N}_2\text{O}_5 + \text{H}_2\text{O} \longrightarrow 2\text{HNO}_3$ (4) $\text{N}_2 + 3\text{H}_2 \longrightarrow 2\text{NH}_3$

SECTION-C : BIOLOGY

This section contains **15 Multiple Choice Questions**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

31. The rhythmic pattern of breathing is established by
(1) Cerebrum (2) Cerebellum (3) Reflex-action (4) Medulla oblongata
32. Vector of dengue virus is—
(1) Male Anopheles (2) Female Anopheles (3) Male Aedes (4) Female Aedes

33. Match the columns :

	Column - I		Column - II
a	Diffusion	(i)	Hydrophilic substances
b	Osmosis	(ii)	Shrinkage of protoplasm
c	Imbibition	(iii)	Semipermeable membrane
d	Plasmolysis	(iv)	Free movement of ions and gases

- (1) a → ii, b → i, c → iv, d → iii
 (2) a → iii, b → i, c → iv, d → ii
 (3) a → ii, b → iii, c → iv, d → i
 (4) a → iv, b → iii, c → i, d → ii

34. Choose the schematic diagram which properly represents pulmonary circulation in humans.

- (1) Right ventricle $\xrightarrow{\text{Deoxygenated blood}}$ Lungs $\xrightarrow{\text{Oxygenated blood}}$ Left auricle
 (2) Right ventricle $\xrightarrow{\text{Oxygenated blood}}$ Lungs $\xrightarrow{\text{Deoxygenated blood}}$ Left auricle
 (3) Left auricle $\xrightarrow{\text{Oxygenated blood}}$ Lungs $\xrightarrow{\text{Deoxygenated blood}}$ Right ventricle
 (4) Left auricle $\xrightarrow{\text{Deoxygenated blood}}$ Lungs $\xrightarrow{\text{Oxygenated blood}}$ Right ventricle

35. Which of these statements about hypothalamic-releasing hormones is true ?

- (1) They are secreted into blood capillaries.
 (2) They are transported by portal veins to the anterior pituitary.
 (3) They stimulate the secretion of specific hormones from the anterior pituitary.
 (4) All of the above are true.

36. Which of the following is not the function of kidney?

- (1) Ultrafiltration (2) Reabsorption (3) Secretion (4) Urea formation

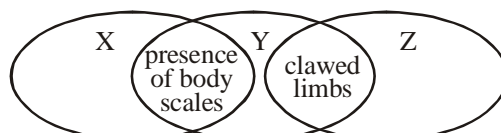
37. The bacterial disease cholera is accompanied by

- (1) Peptic ulcers (2) Rapid loss of fluid from the intestine
 (3) Infection of heart muscles (4) Rose spots

38. The main function of loop of Henle is the reabsorption of water from the contents of renal tubules. In which of the following will the loop of Henle be poorly developed or even absent ?

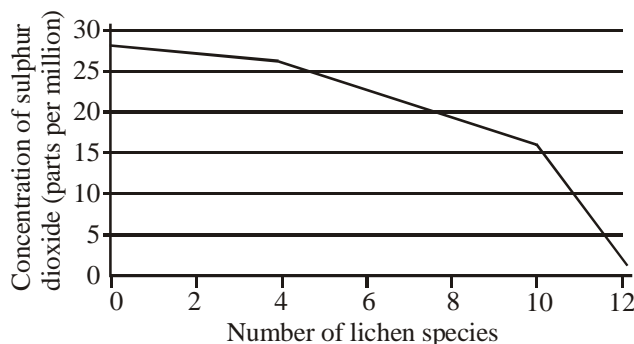
- (1) Desert mouse (2) Carnivorous bird (3) Freshwater fish (4) Desert Lizard

39. The letters X, Y and Z represent three vertebrates. The intersecting areas represent common characteristics amongst these vertebrates. The three vertebrates can be identified as follows



- | | | |
|----------------|----------|----------|
| X | Y | Z |
| (1) mammals | reptiles | fish |
| (2) fish | reptiles | mammals |
| (3) amphibians | fish | reptiles |
| (4) aves | mammals | reptiles |

40. The graph below shows the results of an investigation involving a factory which emits sulphur dioxide and its influence in the number of lichen species occurring in this area.



Which one of the following is the most appropriate conclusion for this investigation?

- (1) With an increase in air pollution there is an increase in the number of lichen species
 - (2) With an increase in air pollution there is a decrease in the number of lichen species
 - (3) With a decrease in the lichen population there is an increase in the amount of air pollution
 - (4) With a decrease in the lichen population there is a decrease in the amount of air pollution
41. During normal functioning of muscles and during aerobic respiration in yeast, the end products formed respectively are
- (1) $\text{CO}_2 + \text{ATP}$; Ethanol + CO_2
 - (2) Lactic acid + ATP ; Ethanol + ATP
 - (3) Lactic acid + ATP; $\text{CO}_2 + \text{ATP}$
 - (4) $\text{CO}_2 + \text{H}_2\text{O} + \text{ATP}$; $\text{CO}_2 + \text{H}_2\text{O} + \text{ATP}$
42. Select the infectious disease among following
- (1) Diabetes
 - (2) Allergy
 - (3) Influenza
 - (4) Arthritis
43. In normal human which of the following is completely reabsorbed by Nephrons?
- (A) Glucose
 - (B) Protein
 - (C) Water
 - (D) Sodium
- (1) A, B, C and D
 - (2) A and C
 - (3) Only A
 - (4) Only C
44. During photosynthesis 'A' is oxidised to get 'B' and 'C' is reduced to get 'D'. What are A, B, C and D?
- (i) O_2
 - (ii) glucose
 - (iii) CO_2
 - (iv) H_2O
- (1) A-i, B-iv, C-iii, D-ii
 - (2) A-ii, B-iii, C-iv, D-i
 - (3) A-iii, B-ii, C-iv, D-i
 - (4) A-iv, B-i, C-iii, D-ii
45. Which of the following is correct about vertebrates?
- (a) Dorsal nerve cord
 - (b) Haemoglobin dissolved in plasma
 - (c) Dorsal heart
 - (d) Three or more pairs of limbs
- (1) a only
 - (2) a, b and c
 - (3) b and d
 - (4) a and c

SECTION-D : MATHEMATICS

This section contains **15 Multiple Choice Questions**. Each question has four choices (1), (2), (3) and (4) out of which **ONLY ONE** is correct.

46. Find the sum of second and first remainders of (13, 19) when finding HCF using euclid division algorithm :

- (1) 11 (2) 7 (3) 8 (4) 0

47. Value of x, y which satisfies $3x + 5y = 12xy$ and $7x - 2y = 4xy$ are

- (1) $x = \frac{37}{31}, y = \frac{41}{31}$ (2) $y = \frac{41}{44}, x = \frac{41}{72}$ (3) $x = 1, y = 2$ (4) $y = \frac{32}{41}, x = \frac{44}{41}$

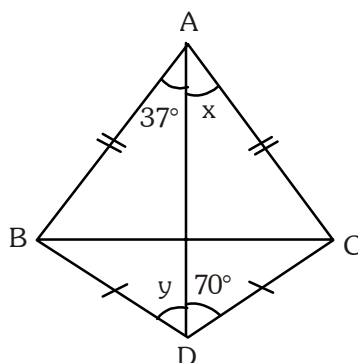
48. If we draw the graph of a cubic polynomial, then it will intersect the axis of x at least in

- (1) Zero point (2) One point (3) Two points (4) Three points

49. In ancient India, the shapes of altars used for house hold rituals were :

- (1) Squares and Circles (2) Triangles and Rectangles
(3) Trapeziums and Pyramids (4) Rectangles and Squares

50. In the given figure, what are the values of x and y ?

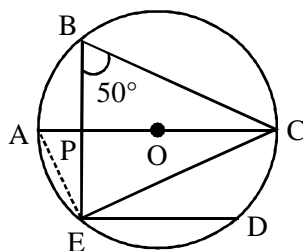


- (1) $x = 70^\circ, y = 37^\circ$ (2) $x = 37^\circ, y = 70^\circ$ (3) $x + y = 117^\circ$ (4) $x - y = 100^\circ$

51. In the parallelogram ABCD, the side AB is produced to the point X, so that $BX = AB$. The line DX cuts BC at E. Area of ΔAED =

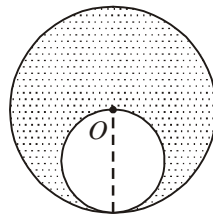
- (1) $2 \times \text{area} (\Delta CEX)$ (2) $\frac{1}{2} \times \text{area} (\Delta CEX)$
(3) $\text{area} (\Delta CEX)$ (4) $\frac{1}{3} \times \text{area} (\Delta CEX)$

52. The chord ED is parallel to the diameter AC, as shown in the figure.



The magnitude of $\angle CED$ is equal to

- (1) 30° (2) 40° (3) 50° (4) 60°

53. The length of three sides of a triangular field is 30 m, 16 m and 18 m respectively. The cost of fencing per meter is Rs. 5. Then find total cost of fencing around the field
 (1) Rs. 320 (2) Rs. 300 (3) Rs. 325 (4) Rs. 400
54. If h , s , V be the height, curved surface area and volume of a cone respectively, then $(3\pi Vh^3 + 9V^2 - s^2h^2)$ is equal to
 (1) 0 (2) π (3) $\frac{V}{sh}$ (4) $\frac{36}{V}$
55. A bag contains 5 red balls, 8 white balls, 4 green balls and 7 black balls. If one ball is drawn at random, find the probability that it is not green
 (1) $\frac{1}{6}$ (2) $\frac{13}{24}$ (3) $\frac{11}{24}$ (4) $\frac{5}{6}$
56. $3 \cos^2 30^\circ + \sec^2 30^\circ + 2 \cos 0^\circ + 3 \sin 90^\circ - \tan^2 60^\circ =$
 (1) $\frac{65}{12}$ (2) $\frac{67}{12}$ (3) $\frac{69}{12}$ (4) $\frac{71}{12}$
57. If $P_n = \cos^n \theta + \sin^n \theta$, then $P_n - P_{n-2} = KP_{n-4}$, then
 (1) $K = 1$ (2) $K = -\sin^2 \theta \cos^2 \theta$ (3) $K = \sin^2 \theta$ (4) $K = \cos^2 \theta$
58. The average weight of 5 men is decreased by 3 kg when one of them weighing 150 kg is replaced by another person. This new person is again replaced by another person whose weight is 30 kg lower than the person he replaced. What is the overall change in the average due to this dual change ?
 (1) 6 kg (2) 9 kg (3) 12 kg (4) 15 kg
59. In the given figure, the larger circle has the radius 10 cm with O as its centre, then area of the shaded region will be
 (1) $\frac{1056}{7} \text{ cm}^2$ (2) $\frac{1044}{5} \text{ cm}^2$
 (3) $\frac{1650}{7} \text{ cm}^2$ (4) None of these
- 
60. Find the value of $(3x + 2y - 3z)(9x^2 + 4y^2 + 9z^2 - 6xy + 6yz + 9xz)$ if $x = 2$, $y = 1$, $z = -1$.
 (1) 143 (2) 431 (3) 217 (4) 912

SECTION-E : MENTAL ABILITY

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

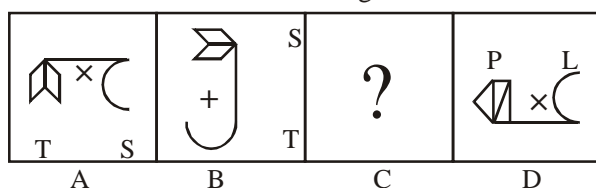
61. If '+' means '×', '-' means '÷', '×' means '-' and '÷' means '+' then $20 - 5 \times 4 + 5 \div 20 = ?$:
 (1) 4 (2) 20 (3) 0 (4) 24
62. How many such digits are there in the number 7346285 which are as far away from the beginning of the number, as they will be when arranged in ascending order within the number?
 (1) none (2) one (3) two (4) three

63. A watch which gains 15 seconds in 9 minutes was set right at 8 a.m. In the afternoon of the same day, when the watch indicated quarter past 5 O' clock, the true time is?

- (1) 5 p.m. (2) $59\frac{7}{12}$ minutes past 4
(3) $58\frac{7}{11}$ minutes past 4 (4) $2\frac{3}{11}$ minutes past 5

64. In the below questions there is a definite relationship between figures A and B. Establish a similar relationship figures C and D by selecting a suitable figure from the answer set that would replace the question mark (?) in figure (C).

Problem Figure



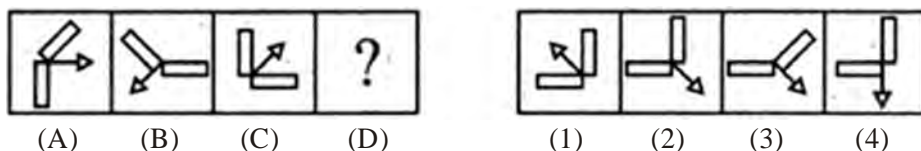
- (1) (2) (3) (4)

65. If the water reflection shows time as 6 hours 10 minutes, then the actual time will be
(1) 6 : 50 (2) 12 : 40 (3) 12 : 20 (4) 11 : 20
66. Six girls are sitting in a circle facing to the centre of the circle. They are P, Q, R, S, T and V. T is not between Q and S but some other one. P is next to the left of V. R is 4th to the right of P. Which of the following statement is definitely not true ?
(1) P is just next to the right to R (2) T is just next to the right of V
(3) R is second to the right of T (4) P is second to the right of R

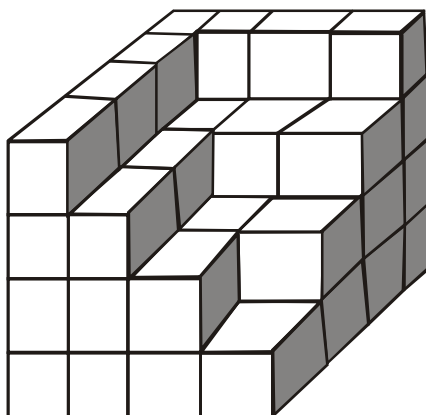
- 67.

Which number will come opposite to number 3 :

- (1) 2 (2) 3 (3) 4 (4) 6
68. In the following question consists of two sets of figures. Figures A, B, C and D constitute the Problem Set while figures 1, 2, 3, 4 constitute the Answer Set. There is a definite relationship between figures A and B. Establish a similar relationship between figures C and D by selecting a suitable figure from the Answer Set that would replace the question mark (?) in figure (D).



69. A solid block is formed by arranging some cubes of equal dimensions, as shown in the figure. Whole of block (visible surfaces) except the base has been coloured pink. How many cubes are not coloured on any face?



- (1) 6 (2) 8 (3) 9 (4) 7
70. In the following question, you have two statements followed by two conclusions. Decide which of the conclusion logically follows, taking statements to be absolute truth.

Statements :

I. All beasts are ugly.

II. Some ugly people are good at heart.

Conclusions :

I. Some good at heart people are not ugly

II. All ugly things are not beasts.

- (1) If only I conclusion follows (2) If only II follows
(3) If I and II follow (4) None follows
71. Study the following information and answer the question given below it.

A blacksmith has five iron articles A, B, C, D and E, each having a different weight.

I. A weighs twice as much as B.

II. B weighs four-and-a-half times as much as C.

III. C weighs half as much as E.

IV. D weighs three fourth of E.

V. E weighs less than A but more than C.

E is lighter in weight than which of the other two articles :

- (1) A, B (2) D, C (3) A, C (4) D, B
72. Fig (x) is given followed by four complex figures in such a way that Fig(x) is embedded in one of them. Choose that one

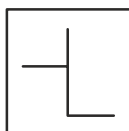


Fig (x)

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

73. In the given question, two statements followed by four conclusions numbered I, II, III and IV. You have to take the given two statements to be true even if they seem to be at variance from commonly known facts. Read the conclusions and then decide which of the conclusions logically follows from the two given statements.

Statements :

- I.** All cups are roads .
- II.** Some roads are hammers.

Conclusions :

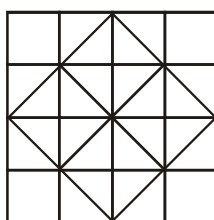
- I.** Some hammers are roads.
- II.** Some roads are cups.
- III.** All roads are cups.
- IV.** Some hammers are cups.

- (1) None follows (2) Only I and II follow
(3) Only III and IV follow (4) Only I, II and IV follow

74. Pointing to a man, a woman said, "His mother is the only daughter of my mother". How is the woman related to the man?

- (1) Mother (2) Daughter (3) Sister (4) Aunt

75. Find the number of triangles in the given figure.



- (1) 46 (2) 50 (3) 48 (4) None of these

76. A girl introduced a boy as the son of the daughter of the father of her uncle. The boy is girl's :

- (1) Cousin (2) Son (3) Uncle (4) Son-in-law

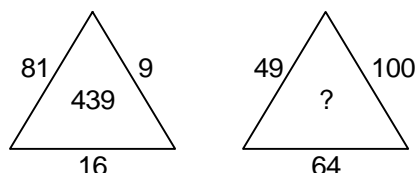
77. How many times does the 29th day of a month occur in 400 consecutive years?

- (1) 3596 times (2) 4497 times (3) 2706 times (4) 4347 times

78. Mohan started from point 'A' and proceeded 7 km straight towards East, then he turned left and proceeded straight for a distance of 10 km. He then turned left again and proceeded straight for a distance of 6 km, and then turned left again and proceeded straight for another 10 km. In which direction is Mohan from his starting point:

- (1) East (2) West (3) North (4) South

79. Find the missing number in the following question.



- (1) 8710 (2) 1078 (3) 8107 (4) 789

80. If in a certain language **MACHINE** is coded as **NCFHLPF** than how is **LANGUID** coded :

- (1) MCQGKXE (2) MCQGXKE (3) MCQGEKX (4) None of these

SPACE FOR ROUGH WORK

ANSWER KEY : 15-10-2017						CLASS – X						CODE : E			
Q.No.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Ans.	1	4	2	2	3	4	4	3	1	2	3	4	1	2	1
Q.No.	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
Ans.	2	3	3	4	4	4	3	3	1	2	2	1	1	4	4
Q.No.	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45
Ans.	4	4	4	1	4	4	2	3	2	2	4	3	3	4	1
Q.No.	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60
Ans.	2	2	2	1	2	1	2	1	1	4	2	2	2	3	1
Q.No.	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75
Ans.	1	3	1	4	4	1	4	4	4	4	1	2	2	1	4
Q.No.	76	77	78	79	80										
Ans.	1	2	1	3	2										