A Specially Designed Initiative to Encourage Young Talent by

ALLEN CAREER INSTITUTE KOTA (RAJASTHAN)

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Tallentex Form No. 4

Answer Sheet No. T 4

TALLENTEX 2016 : (18, October 2015)

PAPER CODE

Q

TALLENTEX 2016

ALLEN'S Talent Encouragement Exam

CLASS - 7th (VII)

Duration: 2 Hrs. **Maximum Marks : 320**

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 TALLENTEX Form No. & Answer Sheet No. in the space provided on the top of this page.
3. Fill your **PAPER CODE** in space provided (Point No. 6) of optical response sheet (ORS).
4. 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.
5. After breaking the Question Paper seal, check the following:
   a. There are **16 pages** in the booklet containing question no. 1 to 80 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 60 questions under 4 sections, which are Physics, Chemistry, Biology & Mathematics.
6. Think wisely before darkening bubble as there is negative marking for wrong answer. Answer once marked by pen cannot be cancelled.
7. 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.
8. If you are found involved in cheating or disturbing others, then your ORS will be cancelled.
9. Do not put any stain on ORS and hand it over back properly to the invigilator.
10. You can take along the question paper after the test is over.

PART-I

IQ (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.

1. G is 400 km Eastwards of F and H is 300 km Northwards of F. I is exactly in the middle of G and H. Find the distance between I and H

(1) 250 km (2) $250\sqrt{2}$ km (3) 300 km (4) 400 km

2. P started from his house towards West. After walking a distance of 25m, he turned to the right and walked 10m. He then again turned to the right and walked 15m. After this he has to turn to his right at 135° and to cover 30m, In which direction should he is going ?

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

3. 'A' is standing at South-West corner of a square field. He starts crossing the field diagonally. After walking half the distance, he turns right, walks some distance and turns to left. Which direction is 'A' facing now ?

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

4. When the below words are put in alphabetical order, which word comes last?

(1) NOTION (2) NOVICE (3) NOSTRIL (4) NORMAL

5. In a certain code language 'OPTION' is coded as 'UKXFQM', then 'CHOICE' is coded in that language as-

(1) HLRKDF (2) ICKFED (3) WMKLAF (4) ICSFED

6. If the second half of the English Alphabets is written in the reverse order, which will be the 10^{th} letter to the left of 9^{th} letter counting from the right end ?

(1) I (2) C (3) J (4) H

7. In a certain code 'CRAVING' is coded as 'XIZERMT'. How is ENGLISH is coded in that code ?

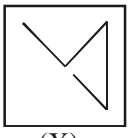
(1) MTOVORHS (2) VMTORSH (3) VMTORHS (4) MVTORSH

8. How many 5's are there which are preceded by a prime number but not followed by a prime number?

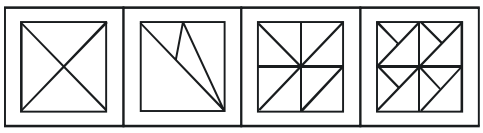
3 5 9 4 2 6 3 8 5 4 2 3 2 5 3 6 4 8 3 4 5 3 9 2 3 7 5 3 4 7 5 6 4 6 5 3 5 8 7

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

9. Choose the alternative figure in which the figure (X) is embedded.



(X)

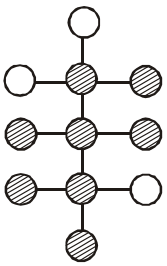


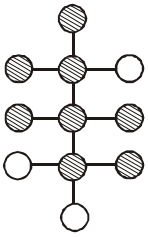
(1) (2) (3) (4)

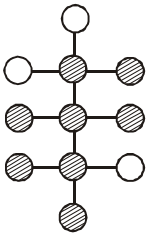
10. Two letters of the word 'TROUBLE' have as many letters between them in the word as in the English alphabet. Which one of those two comes earlier in the english alphabet ?

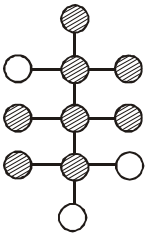
(1) O (2) R (3) L (4) U

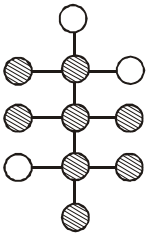
11. Chosse the correct water image of figure from the alternatives (1), (2), (3) & (4)



(1) 

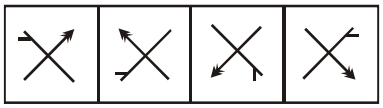
(2) 

(3) 

(4) 

12. Choose the mirror image of figure (X) from the given alternatives.

(X)



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

13. One number is wrong in the series. Find out the wrong number.

701, 348, 173, 85, 41, 19, 8

(1) 173 (2) 41 (3) 19 (4) 348

14. Choose the water image of figure from the alternatives (1), (2), (3) & (4).

(1) 

(2) 

(3) 

(4) 

15. Which of the following represents the best relation between "Bus, Scooter, Conveyance"?

(1) 

(2) 

(3) 

(4) 

16. Choose the mirror image of figure (X) from the given alternatives.

(X)

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

17. If 'when' means '×', 'you' means '÷', 'come' means '–' and 'will' means '+', then what will be the value of "8 when 12 will 16 you 2 come 10" ?

(1) 45 (2) 76

(3) 94 (4) 96

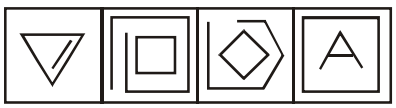
18. Find the missing term (?)

26,?,20,?,14,?,8,5,2

(1) 23,17,11 (2) 23,18,11

(3) 24,17,11 (4) 24,18,11

19. Out of the four figures (1), (2), (3) & (4), three are similar in a certain way. However one figure is not like the other three. Choose the figure which is different from the rest.



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

20. If → Stands for 'addition', ← stands for 'subtraction', ↑ stands for 'division', ↓ stands for 'multiplication', ↗ stands for 'equal to', then which of the following alternative is correct ?

(1) 7 ← 4 → 3 ↑ 6 ↓ 1 ↗ 4

(2) 3 ↓ 6 ↑ 2 → 3 ← 6 ↗ 5

(3) 5 → 7 ← 3 ↑ 2 ↗ 4

(4) 2 ↓ 5 ← 6 → 2 ↗ 6

PART-II

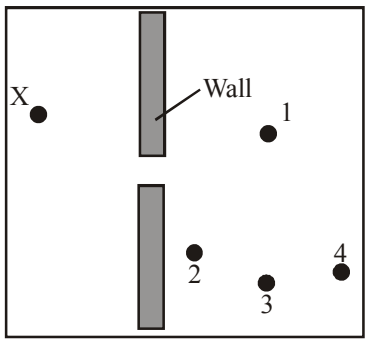
SECTION-A : PHYSICS

This section contains **12 Multiple Choice Questions.** Each question has four choices (1), (2), (3) and (4) out of which ONLY ONE is correct.

21. Which of the following instrument given below is not used to study weather ?
(1) Barometer (2) Anemometer (3) Wind vane (4) Odometer

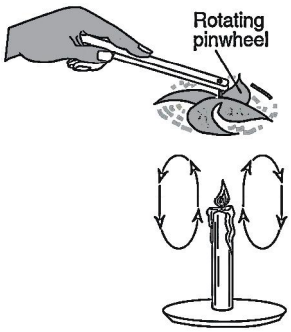
22. A camera flash is used in front of a mirror to take a photograph of the image of an object in the mirror, then
(1) the photograph of the image will be clear.
(2) the photograph of the image will be brighter.
(3) the photograph of the object will be more beautiful.
(4) the photograph of the image will not show anything except white colour.

23. Varun stands at position marked X. Which object can Varun see ?



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

24. The diagram below shows a pinwheel rotating above a lit candle. The arrows indicate the direction of air flow. The pinwheel is rotating because of



(1) transfer of energy to pinwheel by conduction through air

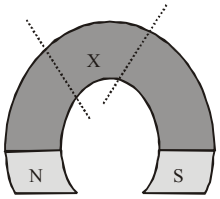
(2) transfer of energy to pinwheel by convection through air

(3) transfer of energy to pinwheel by radiation through air

(4) transfer of energy to pinwheel by conduction through hand

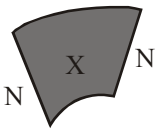
25. In a thermometer, distance between the upper and lower fixed points is 80 cm. Find the temperature on Celsius scale if the mercury level rises to a height 10.4 cm above the lower fixed point.
(1) 80 °C (2) 0.4 °C (3) 13 °C (4) 0 °C

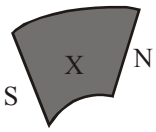
26. A piece 'X' is cut out from a horseshoe magnet as shown below.

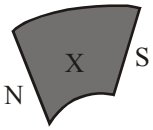


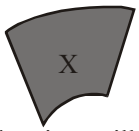
Horseshoe magnet

Which of the options below shows the correct magnetic poles of peice X ?

(1) 

(2) 

(3) 

(4) 

The piece will not be magnetic

27. In an electric circuit

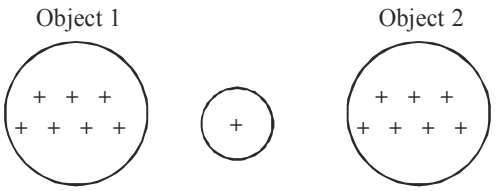
(1) current flows only if the circuit is closed.

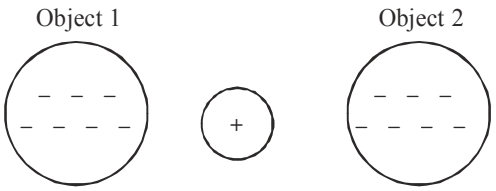
(2) current flows if circuit is open.

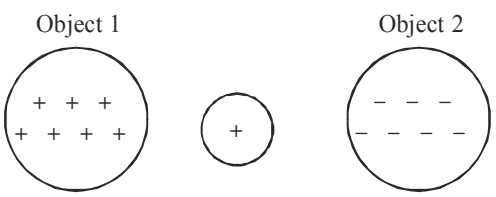
(3) current does not flow if connecting wire is of gold.

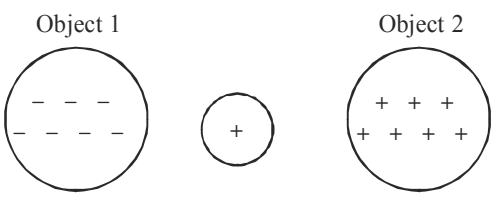
(4) current flows if we switch off all the electrical appliances connected in the circuit.

28. A positively charged ball is placed at an equal distance between two charged objects (1 and 2). In which case will the positively charged ball move towards Object 2 ?

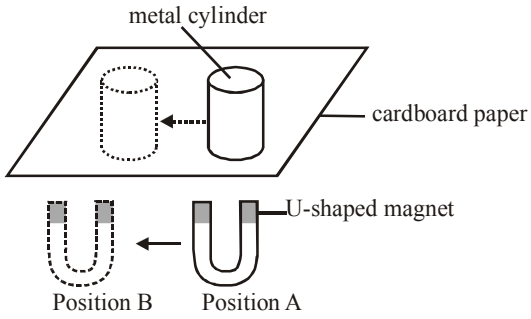
(1) 

(2) 

(3) 

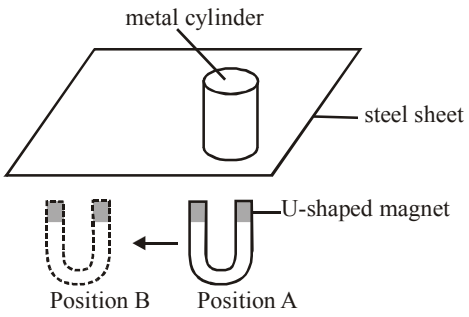
(4) 

29. Raj placed a metal cylinder on a piece of cardboard paper. He then held a U-shaped magnet under the carboard paper as shown below.



He moved the magnet from position A to B. He observed that the cylinder moved in the same direction when the magnet was moved.

Raj removed the cardboard paper and replaced it with a steel sheet. Once again, he brought the magnet under the sheet and moved it from position A to B. This time, the metal cylinder did not move along with the magnet.



Which of the following correctly explains what has happened in Raj's second experiment ?

(1) One of the poles of the U-shaped magnet repelled the steel sheet.

(2) The cylinder was not made of a mgnetic material.

(3) The steel sheet repelled the cylinder.

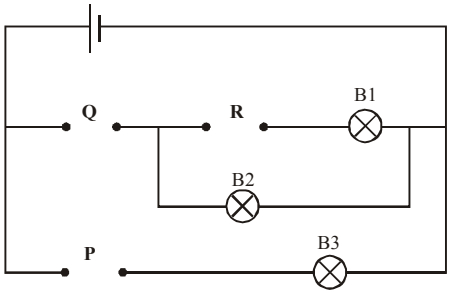
(4) The steel sheet prevented the magnetic attraction.

30. The distance between two cities A and B in a map is 75 cm. The scale taken for drawing this map is 1 cm = 150000 m. The actual distance between A and B is .....km.

(1) 1125000 km (2) 20000 km

(3) 200 km (4) 11250 km

31. Girish had three rods made of different materials. He labelled them, X, Y and Z. He placed them in the three different positions, P, Q and R, as shown in the circuit below.



He recorded the results of the experiment in the table below. When any of the bulbs, B1, B2 or B3, lit up during the experiment, he marked it with a tick (✓) in the box.

Position where each rod was placed			Bulb		
P	**Q**	**R**	**B1**	**B2**	**B3**
X	Y	Z	×	✓	✓
Y	Z	X	×	×	✓

Based on the result given above, which classification of the materials, X, Y and Z, according to their electrical conductivity is correct ?

	Conductor(s) of electricity	Insulator(s) of electricity
(1)	Z	X and Y
(2)	Y	X and Z
(3)	X and Z	Y
(4)	X and Y	Z

32. Identify the type of motion exhibited by pendulum shown in given figure.

(1) rectilinear motion
(2) curvilinear motion
(3) rotational motion
(4) periodic motion

SECTION-B : CHEMISTRY

This section contains **11 Multiple Choice Questions.** Each question has four choices (1), (2), (3) and (4) out of which ONLY ONE is correct.

33. Read the following phenomena carefully.

(i) Sawing of a piece of wood (ii) Cooking of food

(iii) Souring of milk (iv) Streching of spring

(v) Blinking of eyes (vi) Blinking of traffic lights

(vii) Knitting a sweater (viii) Flowering of a bud

Which of the above events can be referred to as reversible changes ?

(1) (i), (iv), (vi), (vii) & (viii) (2) (ii), (iii), (viii) & (vii)

(3) (iv), (v), (vi) & (vii) (4) (vi), (vii) & (ii)

34. Which of the following part of caterpillar of silk moth swings side to side in the form of figure eight, during the formation of cocoon ?

(1) Head (2) Neck (3) Abdomen (4) Thorax

35. Materials that allow the light to pass through them are called

(1) Translucent (2) Transparent (3) Opaque (4) None of these

36. Namita took a spoon of turmeric powder and made a paste by adding little water to it. She cut thin strips of a paper and applied this paste on them. After drying she put few drops of given sample solutions on these strips. What are the changes in the colour she observes ?

(i) Tomato juice (ii) Window cleaner (iii) Antacid (iv) Lime water

(1) (i) - No change, (ii) - Red Brown, (iii) - No change, (iv) - Red Brown

(2) (i) - No change, (ii) - Red Brown, (iii) - Red Brown, (iv) - Red Brown

(3) (i) - Red Brown, (ii) - No change, (iii) - Red Brown, (iv) - No change

(4) (i) - No change, (ii) - No change, (iii) - Red Brown, (iv) - Red Brown

37. Study the table carefully.

	Sample	Blue litmus to red	Red litmus to blue
(i)	Tamarind juice	✓	×
(ii)	Sugar syrup	×	✓
(iii)	Lime water	×	✓
(iv)	Soap solution	✓	×

Which of the above shows correct colour change?

(1) (i) and (iii) (2) (ii) and (iv)

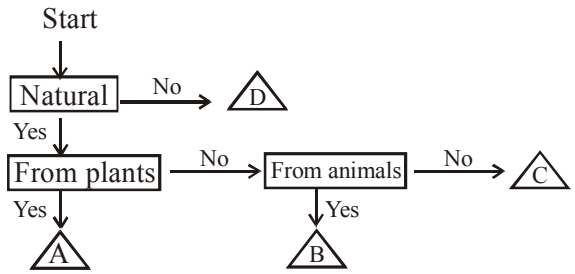
(3) (i), (ii) and (iii) (4) (i), (iii) and (iv)

38. The correct ascending order of gases as per their composition in air is

(1) Nitrogen < Hydrogen < Oxygen (2) Oxygen < Hydrogen < Nitrogen

(3) Hydrogen < Oxygen < Nitrogen (4) Oxygen < Carbon dioxide < Hydrogen

39. Study the given flow chart.



Identify (A), (B), (C) & (D).

(1) A-Cotton, B-Linen, C-Plastic, D-Mountain (2) A-Apple, B-Silk, C-River, D-Plastic

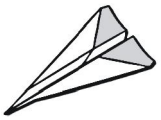
(3) A-Orange, B-Wool, C-Water, D-Tree (4) A-Rubber, B-Leather, C-Ink, D-Paper

40. Wool industry is an important means of livelihood for many people in our country. But sorter's job is risky as sometimes they get infected by a _____called _____which leads to a fatal blood disease called sorter's disease.

(1) Bacterium, Bacillus anthracis (2) Bacterium, Escherichia coli

(3) Fungus, Salmonella typhi (4) Virus, Vibrio cholerae

41. Which of the following is an irreversible change ?

(1) A paper aeroplane made by folding paper 

(2) Making a roti 

(3) A balloon changes its size and shape on blowing air into it 

(4) Melting of wax 

42. Read the following statements carefully and select the option which correctly identifies the true [T] and false [F] statements.

(i) Female silk moth lays hundred of eggs on the coconut leaves.

(ii) Wool is the strongest fibre of all the natural fibres.

(iii) The brown wool is obtained from Rampur Bushair breed of sheep.

(iv) At the end of the larval stage, the silk moth cuts open the cocoon, and young moth flies out.

	(i)	(ii)	(iii)	(iv)
(1)	F	T	T	F
(2)	F	F	T	T
(3)	F	T	T	T
(4)	F	F	T	F

43. Acetic acid + Sodium hydrogen carbonate $\rightarrow$ (i) + Sodium acetate + Water
(i) + $Ca(OH)_2 \rightarrow$ (ii) + Water
What could (i) and (ii) be?
(1) (i) $CaCO_3$; (ii) CO_2 (2) (i) H_2O ; (ii) $CaCO_3$
(3) (i) CO_2 ; (ii) $CaCO_3$ (4) (i) H_2O ; (ii) CO_2

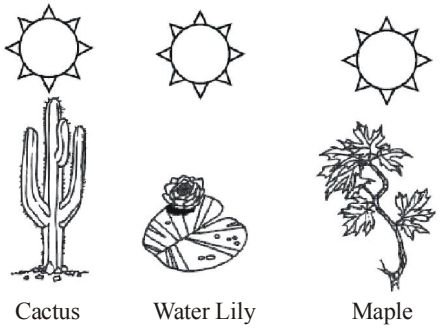
SECTION-C : BIOLOGY

This section contains **12 Multiple Choice Questions.** Each question has four choices (1), (2), (3) and (4) out of which ONLY ONE is correct.

44. The diagram below represents a person cooking eggs on a stove. The person has touched the hot frying pan and pulled his hand away.

Which statement is the best one for this diagram?
(1) A human requires oxygen to survive (2) Metabolism is influenced by diet
(3) All living things require energy (4) A human responds to a stimulus

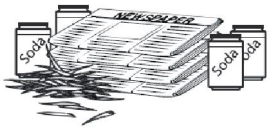
45. Which process do the plants below have in common?



(1) Surviving in dry environments
(2) Making food by photosynthesis
(3) Absorbing water through extensive root systems
(4) Releasing carbon dioxide into the air during day

46. Which of the following shows a group of items suitable for composting?

(1) 

(2) 

(3) 

(4) 

47. Which of the following statements are correct ?

(a) Paper and some kinds of plastic can be recycled.

(b) Papers are biodegradable but plastics are not.

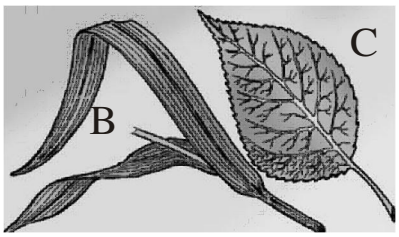
(c) Low lying open area where garbage is dumped is known as landfill.

(d) Egg shells, vegetable peel and waste food are biodegradable.

(1) Only (a), (b) and (c) are correct (2) Only (a), (c) and (d) are correct

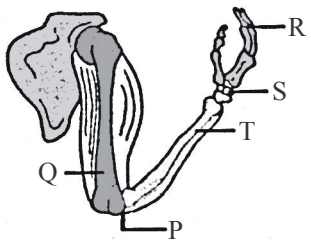
(3) Only (a) and (c) are correct (4) (a), (b), (c) and (d) are correct

48. Arrangement of veins is called venation. Given figure shows leaves with two types of venation present in (A) and (B) plants respectively. Identify the plants A & B.



(1) A-monocot, B-dicot (2) A-dicot, B-monocot (3) Both are monocot (4) Both are dicot

49. Study the part of skeletal system given below.



Identify where gliding joint is present.

(1) P and S only (2) Q and T only (3) P, R and S only (4) S only

50. What is the primary function of the villi in the small intestine?

(1) To help blood flow into the veins (2) To increase nutrient absorption

(3) To decrease water absorption (4) To produce vitamin A

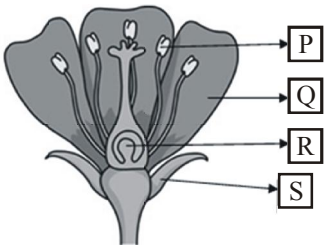
51. In human beings ribcage is present to protect some internal organs from injury. Which of the following bones participate in formation of ribcage ?

(1) Ribs, sternum and backbone
(2) Ribs, shoulder bone and clavicle
(3) Sternum, backbone and skull
(4) Ribs, sternum and skull

52. Tick the odd one out.

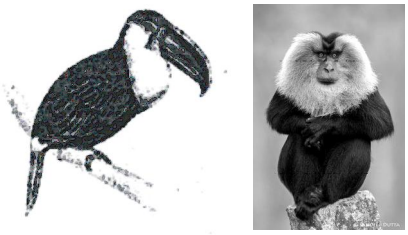
(1) Lotus (2) Hydrilla (3) Vallisneria (4) Sunflower

53. Identify the parts labelled in the given figure, match them with their respective functions and select the correct option.



(1) P- Stamen - Produce pollens
(2) S- Sepals - Attract pollinators
(3) R-Ovule - Forms fruits
(4) Q- Petals - Protect flowers

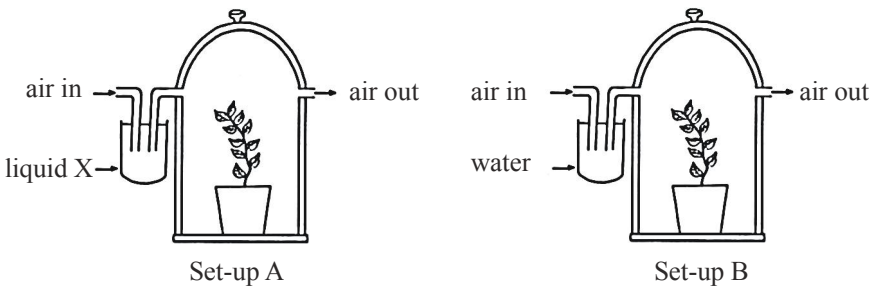
54. Identify the given figures and select the correct option.



(i) (ii)

(1) The animal shown in fig. (i) lives in polar regions
(2) The animal shown in fig (ii) lives in rainforests of Western Ghats
(3) Both the animals undergo hibernation during winters.
(4) The most striking feature of animal (i) is its very long tail.

55. Two similar plants were placed into bell-jars as shown below. The air that was supplied to set-ups A and B was passed through liquid X and water respectively. After one day, two leaves from each plant were plucked and tested for starch. The leaves from the plant in set-up A did not contain any starch while the leaves from set-up B contained starch.



What can we conclude about liquid X ?

(1) It absorbs oxygen
(2) It prevents sunlight from reaching the plants
(3) It absorbs carbon dioxide
(4) It has no effect on the plant's rate of photosynthesis

SECTION-D : MATHEMATICS

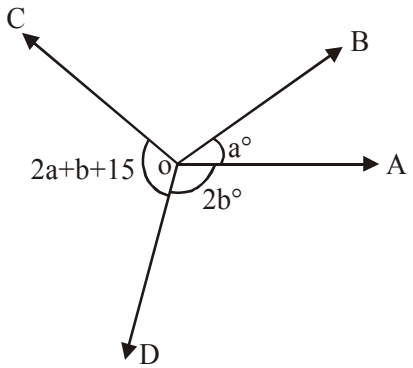
This section contains **25 Multiple Choice Questions.** Each question has four choices (1), (2), (3) and (4) out of which ONLY ONE is correct.

56. Smriti bought 19 boxes of sweets. Each box contains 228 sweets. How many sweets would be left with her after giving 519 sweets to friends?
(1) 766 (2) 3,813 (3) 4,332 (4) 4,851

57. a,b,c,d are real numbers such that a – 2005 = b + 2006 = c – 2007 = d + 2008. The greatest among a,b,c,d is
(1) a (2) b (3) c (4) d

58. If a – b = 2 then a^2 + 2b – 4 in terms of b is
(1) b^2 – 6b + 4 (2) b^2 + 4b (3) b^2 + 6b (4) b^2 + 6b – 4

59. In the given figure, 2b – a = 65° and ∠BOC = 90°, find the measure of ∠AOB, ∠AOD and ∠COD.



(1) 35°, 100°, 80° (2) 100°, 35°, 125° (3) 35°, 100°, 135° (4) 25°, 110°, 35°

60. Which of the following fractions is greatest? Select the appropriate alternate.
(1) $\frac{7}{12}$ (2) $\frac{3}{4}$ (3) $\frac{2}{3}$ (4) $\frac{6}{7}$

61. The cost of carpeting a room 18 metre with a carpet 75 cm width at Rs. 4.50 per metre is Rs. 810. The breadth of the room is (k – 0.5) metre. Find the value of k/8.
(1) 0.5 (2) 2 (3) 1 (4) 0.25

62. The rational number $\frac{0}{7}$
(1) has a positive numerator.
(2) has a negative numerator.
(3) has either a positive numerator or a negative numerator.
(4) has neither a positive numerator nor a negative numerator.

63. Reena climbs up 5 stairs every second and then climbs down 2 stairs over the next second. How many seconds will she take to climb 60 stairs ?
(1) 39 seconds (2) 40 seconds (3) 45 seconds (4) 42 seconds

64. If $x = \frac{4ab}{a+b}$, then the value of $\frac{x+2a}{x-2a}+\frac{x+2b}{x-2b}$ is equal to

(1) 0 (2) 1 (3) 2 (4) None of these

65. By what number should we multiply 4^{-3} so that the product may be equal to 64?

(1) 4^5 (2) 2^{12} (3) 2^6 (4) None

66. Find the number of even integers between –11 and –1.

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

67. The average weight of sample of 10 apples is 52 g. Later it was found that the weighing machine had shown the weight of each apple 10 g less. The correct average weight of an apple is

(1) 62 g (2) 54 g (3) 56 g (4) 52 g

68. Find the area of the rectangle whose length is 65 cm and width is half of three less than the length.

(1) 1525 cm^2 (2) 2125 cm^2 (3) 2015 cm^2 (4) 3225 cm^2

69. Simran had 50 pencils, Sambhavna had 90 pencils and Chanchal had 48 pencils. Simran used 26 pencils, Sambhavna used 45 pencils and Chanchal used 20 pencils. Who used maximum fraction of pencils?

(1) Simran (2) Chanchal (3) Sambhavna (4) All used equal fraction

70. When a number is added to another number the total becomes 375 percent of the second number. What is the ratio between the first and the second number.

(1) 4 : 11 (2) 11 : 4 (3) 4 : 7 (4) 7 : 4

71. If two triangles have their corresponding angles equal, then they are always congruent.

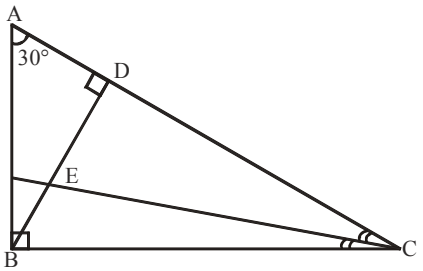
(1) True (2) False

(3) Cannot be determined (4) None

72. If $60^a = 3$ and $60^b = 5$ then the value of $12^{\frac{1-a-b}{2(1-b)}}$ is equal to

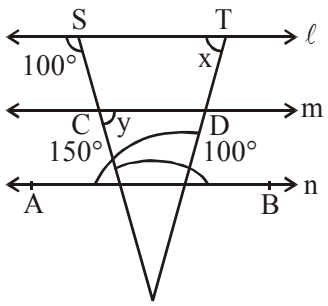
(1) $\sqrt{60}$ (2) $\sqrt{3}$ (3) 5 (4) 2

73. AB ⊥ BC, BD ⊥ AC and CE bisects ∠ C. ∠A = 30°. Then what is ∠ CED ?



(1) 30° (2) 60° (3) 45° (4) 65°

74. Find x and y, if $\ell \| m \| n$.



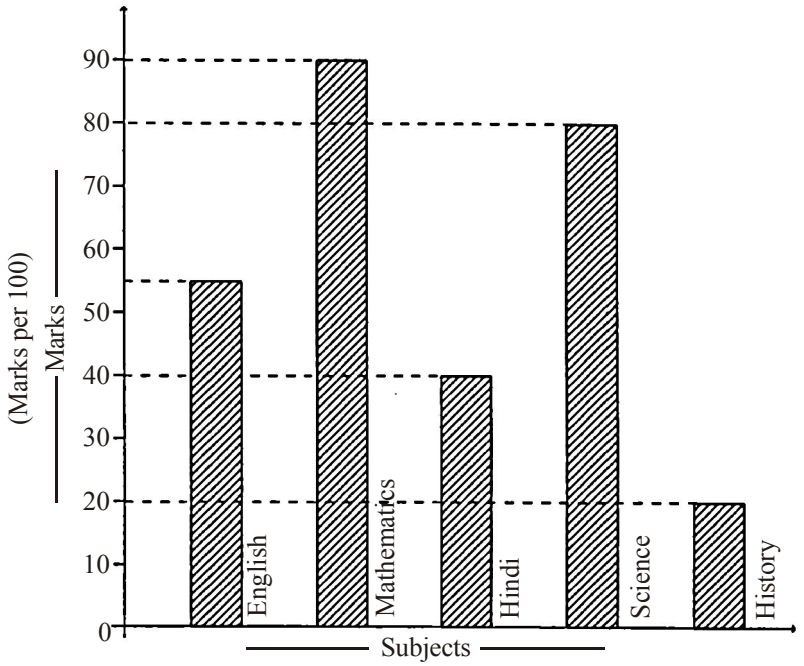
(1) x = 70°, y = 80°

(2) x = 40°, y = 100°

(3) x = 30°, y = 80°

(4) x = 80°, y = 70°

75. Read the following graph and answer the question given below:



What is the overall percentage obtained by the student?

(1) 80% (2) 63% (3) 57% (4) 90%

76. Shweta prepared 250 plates of Namkeen and 185 plates of bhel to sell at school. She sold the Namkeen at Rs. 3 each and the Bhel at Rs. 2 each. If 128 plates of Namkeen remained unsold but all the Bhel were sold, how much did Shweta earn?

(1) Rs. 1120 (2) Rs. 799 (3) Rs. 736 (4) Rs. 666

77. If 10 cans contain 500 litres of milk. Then in how many cans 200 litres of milk can be filled?

(1) 5 (2) 1 (3) 2 (4) 4

78. The area of a rectangular courtyard is $(10x^3 - 11x^2 + 19x + 10)$ sq units. If one of its sides is $(2x^2 - 3x + 5)$ units, then the other side is

(1) $(5x + 2)$ units (2) $-5x + 2$ units (3) $-(5x + 2)$ units (4) $5x - 2$ units

79. If M and N are two coprimes. Then which of the following would be true?

(1) LCM (M, N) = M × N (2) HCF (M, N) = 1

(3) Both (1) & (2) (4) None of these

80. The sum of the coefficients of the given algebraic expression is _____.

$x^2 - 3x^4 - 12x^3 + 56x^7 - 14x^9$

(1) 44 (2) 86 (3) 28 (4) 42

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Answer Key

TALLENTEX 2016
ALLEN'S Talent Encouragement Exam

Class- 7th (VII)

Held on : 18 October 2015

Q. No.	Ans.
1	1
2	3
3	1
4	2
5	4
6	4
7	3
8	2
9	1
10	3
11	1
12	2
13	4
14	1
15	3
16	2
17	3
18	1
19	1
20	4

Q. No.	Ans.
21	4
22	4
23	4
24	2
25	3
26	3
27	1
28	3
29	4
30	4
31	4
32	4
33	3
34	1
35	2
36	2
37	1
38	3
39	2
40	1

Q. No.	Ans.
41	2
42	4
43	3
44	4
45	2
46	4
47	4
48	1
49	4
50	2
51	1
52	4
53	1
54	2
55	3
56	2
57	3
58	3
59	3
60	4

Q. No.	Ans.
61	3
62	4
63	1
64	3
65	2
66	3
67	1
68	3
69	1
70	2
71	2
72	4
73	2
74	3
75	3
76	3
77	4
78	1
79	3
80	3

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