

शिक्षा के क्षेत्र में सबसे आगे...

RPS
GROUP OF SCHOOLS
under the aegis of RPS Education Society, M/Gadh

BRITISH COUNCIL

When Dreams come True

RPS 3rd All India Online & Offline Mega Event
OLYMPIAD 2022
Golden opportunity to win **400 Prizes**

PHASE-1 SUNDAY
13 FEBRUARY
I to X
9:00 A.M. onwards (Online)

Thought bubbles containing: a smartphone, a bicycle, a sports kit, and a scooter.

RPS OLYMPIAD-2022

CLASS-6th

Time : 60 Mins.**M.M. : 60****English (15 Marks)**

1. What sort of pronouns are the words “he”, “me” and “you”?
a) Interrogative b) Possessive c) Personal d) Reflexive
2. “This is Lisa speaking.” In this sentence, what sort of the pronoun is the word “This”?
a) Reciprocal pronoun b) Demonstrative pronoun c) Personal pronoun d) Possessive pronoun
3. Identify the type of noun that is highlighted in the sentence.
The precipitous parts are frequented by large **flocks** of solan geese and other sea birds.
a) Abstract noun b) Collective Noun c) Possessive noun d) Proper noun
4. Uncle Lim has two nephews but no _____.
a) nieces b) brides c) widows d) spinsters
5. In the question below, a sentence has been given in Direct/Indirect speech. From the given alternatives, choose the one which best expresses the given sentence in Indirect/Direct speech.
He said to her, "What a cold day!"
a) He told her that it was a cold day. b) He exclaimed that it had a cold day.
c) He exclaimed sorrowfully that it was a cold day. d) He exclaimed that it was a very cold day.
6. In the question below a sentence has been given in Direct/Indirect speech. From the given alternatives, choose the one which best expresses the given sentence in Indirect/Direct speech.
David said to Anna, "Mona will leave for her native place tomorrow."
a) David told Anna that Mona will leave for her native place tomorrow.
b) David told Anna that Mona left for her native place the next day.
c) David told Anna that Mona would be leaving for her native place tomorrow.
d) David told Anna that Mona would leave for her native place the next day.
7. _____ Pam and Bobby _____ the rules?
a) Were, knowing b) Does, knows c) Are, knowing d) Do, know
8. The old lady _____ for a long time before she _____ away.
a) had been suffering, passed b) is suffering, passed
c) has suffered, was passing d) was suffering, had passed
9. In the following question, a sentence has been given in Active/Passive Voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active Voice.
The burglar destroyed several items in the room. Even the carpet has been torn.
a) Several items destroyed in the room by the burglar. Even the carpet he has torn.
b) Several items in the room were destroyed by the burglar. Even the carpet was torn.
c) Including the carpet, several items in the room have been torn by the burglar.
d) The burglar, being destroyed several items in the room, also carpet has torn.
10. In the following question, a sentence has been given in Active/Passive Voice. Out of the four alternatives suggested, select the one which best expresses the same sentence in Passive/Active Voice.
The manager could not accept the union leader's proposals.
a) The union leader's proposals could not be accepted by the manager.
b) The union leader's proposals were not accepted by the manager.
c) The union leader's proposals will not be accepted by the manager.
d) The union leader's proposals would not be accepted by the manager.

- a) $P = q = r$ b) $q = r = s$ c) $q = r$ d) $p = r+s$
29. A rectangular park is 104m long and 56m wide. Anjali walks around it at the rate of 4km/h. What time will she take in making 5 rounds of the park?
 a) 20 minutes b) 24 minutes c) 16 minutes d) 30 minutes
30. The third proportional of 3 and 27 is
 a) 243 b) 256 c) 289 d) 225

Science (15 Marks)

Physics (5 Marks)

31. 160 cm^2 is equal to
 a) $160 \times 10^{-4} \text{ m}^2$ b) $16 \times 10^{-3} \text{ m}^2$ c) $16 \times 10^{-6} \text{ m}^2$ d) both (a) and (b)
32. When an iron rod is put inside a current carrying wire, strength of the electromagnet –
 a) increases b) decreases c) remains same d) becomes zero
33. Which of the following devices does not convert electrical energy into mechanical energy?
 a) Vacuum cleaner b) Washing machine c) Mixer d) Speaker
34. Mirror can –
 a) Change the path of incident light b) Reflect the light
 c) Absorb the light d) All of the above
35. When a drill bores a hole in a piece of wood, it describes –
 i) Rotatory Motion ii) Translatory Motion
 iii) Linear Motion iv) Oscillatory Motion
 a) (iii) and (iv) b) (i) and (iv) c) (i) and (iii) d) (i) and (ii)

Chemistry (5 Marks)

36. The components of air which are harmful to living beings are
 a) Nitrogen and carbon dioxide b) Dust and water vapour
 c) Dust and smoke d) Smoke and water vapour
37. Lint is
 a) A thread that is obtained by spinning fibres
 b) An electrically operated device used for spinning
 c) The fibrous material that is left after removing seed from cotton bolls
 d) The fruits of cotton plant
38. Rusting of iron is an example of
 a) Slow change b) Fast change c) Reversible change d) Physical change
39. Which of the following changes cannot be reversed ?
 a) Milk to paneer b) Cold milk to hot milk
 c) Yarn to knitted sweater d) Wet clothes to dry clothes
40. Four mixtures are given below
 i) Kidney beans and chick peas ii) Pulses and rice
 iii) Rice flakes and corn iv) Potato wafers and biscuits
 Which of these can be separated by the method of winnowing?

- a) (i) and (ii) b) (ii) and (iii) c) (i) and (iii) d) (iii) and (iv)

Biology (5 Marks)

41. What is the main difference between carbohydrates & fats?
a) The amount of oxygen is less in fats as compared to carbohydrates
b) The amount of oxygen is more in fats as compared to carbohydrates
c) The amount of oxygen is same in fats and carbohydrates
d) All of these
42. Which of the following statements is incorrect?
a) A fish swims in water by moving its tail from side to side.
b) The effect of the left side of the tail in water is compensated by turning its head to the right side.
c) Snakes have very small legs and even then move quite fast by making loops.
d) Snakes do not move in a straight line.
43. Two statements were made :
Statement A :- Plants having fibrous root show parallel venation.
Statement B :- Plants having taproot show reticulate venation.
a) Statement A is true b) Statement B is true
c) Statement A and B both are true d) Neither of them is true
44. Which of the following plants are partly submerged in water?
i) Water lettuce ii) Water hyacinth iii) Lotus iv) Water lily
a) (i) and (ii) b) (ii) and (iii) c) (i) and (iv) d) (iii) and (iv)
45. Which of the following statements is incorrect?
a) The body of earthworm is made up of many rings joined end to end.
b) Outer skeleton of snail is called shell.
c) Pivotal joint allows to bend our head forward and backward.
d) Skeleton of cockroach is endoskeleton.

Aptitude (15 Marks)

Direction (Q46-47): - Find the next number: - ?

46. 0, 10, 24, 68, 120, ?
a) 222 b) 212 c) 128 d) 176
47. 15, 7.5, 7.5, 15, 60, ?
a) 380 b) 480 c) 420 d) 360
48. Vitro is related to Glass in the same way as Ligno is related to _____?
a) Marble b) Metal c) Rock d) Wood

Direction (Q49-Q50): - In each of the following questions there is a certain relationship between two given numbers on one side of :: and one number is given on another side of :: while another number is to be found from the given alternatives, having the same relationship with this number as the numbers the given pair bear. Choose the best alternative.

49. 9 : 8 :: 16 : ?
a) 27 b) 18 c) 17 d) 14
50. 11529 : 72135 :: 152943 : ?
a) 62034 b) 163044 c) 203448 d) 213549
51. If DEER = 12215 and HIGH = 5645, how will you code HEEL?
a) 2328 b) 3449 c) 4337 d) 5229

52. If Neena says, “Anita’s father, Raman is the only son of my father-in-law, Mahipal, “then how is Bindu, who is the sister of Anita, related to Mahipal?

- a) Niece b) Daughter c) Wife d) Grand daughter

Direction (Q53-Q54): - Study the following information carefully and answer the questions given below:

I. A, B, C, D, E and F are six members of a group in which there are three female members. Females work in three departments – Accounts, Administration and personnel and sit on three different floors – 1st, 2nd and 3rd. Persons working in the same department are not on the same floor and on each floor two persons work.

II. No two ladies work in the same department or on the same floor. B and E work in the same department but not in personnel. D works in Administration. E and A are on the 1st and 3rd floors respectively and work in the same department. D, a lady does not work on 2nd floor. C, a man works on 1st floor.

53. Which of the following groups of persons are females?

- a) ADF b) CDF c) DEF d) ACF

54. Which of the following pairs works on 2nd floor?

- a) AE b) BD c) BF d) CF

55. A clock loses 1% time during the first week and then gains 2% time during the next one week. If the clock was set right at 12 noon on a Sunday, what will be the time that the clock will show exactly 14 days from the time it was set right?

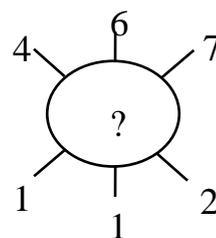
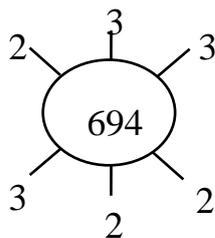
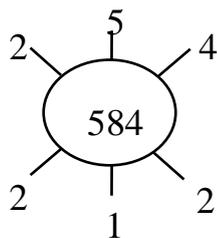
- a) 1:36:48 b) 1:40:48 c) 1:41:24 d) 10:19:12

56. The last day of a century cannot be.

- a) Monday b) Wednesday c) Friday d) Tuesday

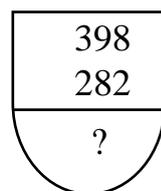
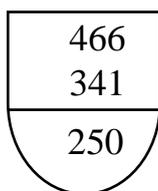
Direction (Q57-Q58): - Find the missing term-

57.



- a) 678 b) 769 c) 824 d) 937

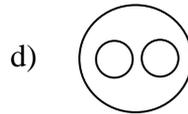
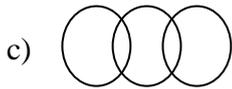
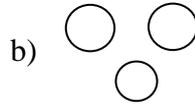
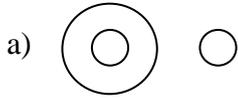
58.



- a) 232 b) 268 c) 298 d) 350

Direction (Q59-Q60): Each of the questions given below contains three elements. These elements may or may not have some inter linkage. Each group of elements may fit into one of these diagonal of (A), (B), (C), (D). You have to indicate the one which fits into the diagrams.

59. Rabi – Crop, Paddy, Wheat



60. Men, Rodents and Living beings.

