



Acharya Prafulla Chandra Roy Vigyan Aviksha-2026
 -: Organized by :-
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Date : 4th October 2026 Time : 11 A.M. Full Marks : 100 Duration-90 minutes

(Every correct answer will carry 2 marks and incorrect answer (–0.5) marks.)

Class-VI
(English Version)

1. Find the value of the following expression:

$$\frac{5}{6} + \frac{7}{12} - \frac{1}{4} = ?$$

- (a) $1\frac{1}{12}$ (b) $1\frac{1}{6}$ (c) $1\frac{1}{4}$ (d) $1\frac{5}{12}$

2. Which of the following is the greatest?

- (a) 0.505 (b) 50.4% (c) $\frac{101}{400}$ (d) 0.5005

3. A number is multiplied by 4, and then 9 is added. The result is 41. The number is:

- (a) 6 (b) 7 (c) 8 (d) 9

4. The perimeter of a rectangle is 58 cm. If its length is 17 cm, its breadth is:

- (a) 10 cm (b) 11 cm (c) 12 cm (d) 13 cm

5. A square and a rectangle have the same area. The rectangle measures 9 cm × 16 cm. The side of the square is:

- (a) 10 cm (b) 11 cm (c) 12 cm (d) 13 cm

6. One angle of a triangle is 45° and another angle is 65°. The third angle will be:

- (a) 65° (b) 70° (c) 75° (d) 80°

7. The complement of one-third of a right angle is:

- (a) 30° (b) 45° (c) 60° (d) 75°

8. $2.5 \times 0.48 = \underline{\hspace{2cm}}$

- (a) 1.02 (b) 1.20 (c) 1.25 (d) 1.50

9. Which fraction is the smallest?

- (a) $\frac{5}{8}$ (b) $\frac{7}{10}$ (c) $\frac{3}{5}$ (d) $\frac{2}{3}$

10. What will be the value of $\frac{3}{4} \div \frac{9}{8}$?

- (a) $\frac{1}{3}$ (b) $\frac{2}{3}$ (c) $\frac{4}{3}$ (d) $\frac{3}{2}$

11. A square has a perimeter of 60 cm. Its area is _____ sq cm.
 (a) 144 cm^2 (b) 196 cm^2 (c) 225 cm^2 (d) 256 cm^2
12. If $3x - 8 = 25$ then find the value of x ?
 (a) 9 (b) 10 (c) 11 (d) 12
13. What is the decimal equivalent of $\frac{7}{8}$?
 (a) 0.785 (b) 0.875 (c) 0.807 (d) 0.878
14. A shopkeeper sold in first lot 5 pencils each to 3 students, and in second lot, equal number of pencils each to more 6 students. He sold a total of 51 pencils. How many pencils did each the second lot of student get?
 (a) 3 (b) 4 (c) 5 (d) 6
15. How many right angles are there in a complete angle?
 (a) 2 (b) 3 (c) 4 (d) 5
16. The area of a rectangle is 84 sq cm and its breadth is 7 cm . The perimeter is _____.
 (a) 30 cm (b) 34 cm (c) 38 cm (d) 42 cm
17. If $a = 4$, $b = 3$, find $2a^2 + 3b^2 - 5ab$.
 (a) 1 (b) -1 (c) 119 (d) 6
18. The perimeter of an equilateral triangle is 12.36 cm . What will be length of its side?
 (a) 4.12 (b) 3.21 (c) 3.12 (d) 4.21
19. If the side of a square is increased by 50%, the area becomes _____ times the original area.
 (a) 1.5 (b) 2 (c) 2.25 (d) 3
20. If a movie is $3\frac{1}{3}$ hours long and only half of it is shown. How much time is passed?
 (a) 1 hour 40 min (b) 2 hour 40 min (c) 2 hour 20 min (d) None of them
21. Which nutrient does not produce any energy?
 (a) Carbohydrate (b) Protein (c) Fat (d) Vitamin
22. Which minerals are needed for healthy bones and teeth?
 (a) Iron (b) Calcium (c) Iodine (d) Sodium
23. What is the main function of roughage?
 (a) Gives energy (b) Builds muscles (c) Prevents constipation (d) Makes bones strong
24. Which food item contains all the major nutrients except vitamin C?
 (a) Milk (b) Egg (c) Rice (d) Butter

25. Which of the following is not a deficiency disease?
 (a) Scurvy (b) Malaria (c) Beriberi (d) Marasmus
26. Animals help plants by:
 (a) Pollinating flowers (b) Dispersing seeds (c) Adding manure to the soil (d) All of these
27. Lichens show a relationship between:
 (a) Plant and insect (b) Algae and Fungus (c) Bird and tree (d) Cow and grass
28. Which animal is called a 'natural gardener' because it buries seeds?
 (a) Squirrel (b) Deer (c) Horse (d) Rat
29. Which plant is most likely to depend on wind rather than animals for pollination?
 (a) Mango (b) Maize (c) Rose (d) Hibiscus
30. Heating a metal rim causes it to expand slightly so it can fit onto a wooden wheel. When it cools, it contracts and fits tightly. What type of change is this?
 (a) Irreversible chemical change (b) Reversible physical change
 (c) Irreversible physical change (d) Reversible chemical change
31. Which of the following contains only one kind of atom?
 (a) Water (b) Oxygen (c) Sugar (d) Salt
32. Which of the following is not an alloy?
 (a) Bronze (b) Brass (c) Silver (d) Bell metal
33. Which statement is true about mixtures?
 (a) They always have a fixed composition (b) Their components retain their own properties
 (c) They are formed only by heating (d) They cannot be separated
34. Which non metal is liquid?
 (a) Chlorine (b) Bromine (c) Iodine (d) Fluorine
35. Which method is used to obtain salt from seawater?
 (a) Filtration (b) Sieving (c) Sublimation (d) Evaporation
36. Match the column and choose the correct answer.

Column A		Column B	
(k)	A train moving on a straight track	(i)	Circular motion
(l)	A pendulum shows	(ii)	Rectilinear motion
(m)	Flying mosquito shows	(iii)	Oscillatory motion
(n)	Hands of a clock move in	(iv)	Random motion

- (a) k-ii, l-iii, m-i, n-iv (b) k-ii, l-i, m-iv, n-iii
 (c) k-ii, l-iii, m-iv, n-i (d) k-i, l-iii, m-ii, n-iv

37. A man standing on an escalator moving upward is:
 (a) At rest with respect to the escalator (b) At rest with respect to the ground
 (c) At rest with respect to the building (d) Motionless for everyone

38. Which of the following best explains why rest and motion are relative?
(a) Every object has the same speed (b) Motion depends on the observer or reference point
(c) All moving objects move in circles (d) Only living things can move
39. A football rolling on the ground shows:
(a) Only rotational motion (b) Only translational motion
(c) Both rotational and translational motion (d) Oscillatory motion
40. Motion that repeats after equal intervals is called:
(a) Random motion (b) Periodic motion (c) Rotational motion (d) Translational motion
41. The property is common to most metals:
(a) Dull appearance (b) Poor conductor of heat (c) Lustre (d) Brittle
42. A material is hard, has a shiny appearance when freshly cut, conducts heat quickly, and sinks in water. Which group of materials does it most likely belong to?
(a) Plastics (b) Ceramics (c) Wood (d) Metals
43. Which of the following is a gaseous non-metal?
(a) Oxygen (b) Bromine (c) Sulphur (d) Iodine
44. Which property is tested by hammering a metal into a thin sheet?
(a) Ductility (b) Malleability (c) Sonority (d) Conductivity
45. Which non-metal is found in wood pencil?
(a) Sulphur (b) Graphite (c) Lead (d) Copper
46. "Food should not be consumed during a solar eclipse"—this is a:
(a) Superstition (b) Spiritual matter (c) Scientific matter (d) Good custom / Good tradition
47. Which one is a National Park in West Bengal?
(a) Chapramari (b) Singalila (c) Kaziranga (d) Kulik Forest
48. Who discovered the vaccine for rabies?
(a) Upendranath Brahmachari (b) Louis Pasteur
(c) Dr. Bidhan Chandra Roy (d) Acharya Prafulla Chandra Roy
49. Which one is the state animal of West Bengal?
(a) Tiger (b) Chital (c) Fishing Cat (d) Elephant
50. Medicine for which disease is made from the Cinchona tree?
(a) Dengue (b) Typhoid (c) Malaria (d) Chikungunya
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