



FCAT 05

FORTNIGHTLY CHILD ASSESSMENT TEST

Class 7th

READ THE FOLLOWING INSTRUCTIONS:

1. All questions are compulsory.
2. Submit your Sheets by 6:00 pm

1. The words doctor, Gopal, cow, city are all examples of _____.
 - a. Noun
 - b. Pronoun
 - c. Verb
 - d. Adjective
2. The words you, we, she, they are all examples of _____.
 - a. Noun
 - b. Pronoun
 - c. Verb
 - d. Adjective
3. A _____ says what a person or thing does.
 - a. Noun
 - b. Pronoun
 - c. Verb
 - d. Adjective
4. An _____ is a word which describes or adds to the meaning of a noun or pronoun.
 - a. Noun
 - b. Pronoun
 - c. Adjective
 - d. Verb
5. An _____ is a word which mainly adds to the meaning of a verb and says how, where or when something happens.
 - a. Noun

- b. Adverb
c. Pronoun
d. Verb
6. A _____ is a word like at, in, to, with, etc which is used before a noun or pronoun to show place, time, manner, etc.
- a. Adverb
b. Preposition
c. Conjunction
d. Interjection
7. A _____ is a joining word such as and, but, yet, or etc. it joins the words or group of words.
- a. Adverb
b. Preposition
c. Conjunction
d. Interjection
8. Which punctuation marks is missing in this sentence: Put the CDs on the top shelf
- a. Full stop (.)
b. Question mark (?)
c. Coma (,)
d. Exclamation mark (!)
9. Which punctuation marks is missing in this sentence: Have you downloaded the information
- a. Full stop (.)
b. Question mark (?)
c. Coma (,)
d. Exclamation mark (!)
10. Which punctuation marks is missing in this sentence: How recklessly he drove
- a. Full stop (.)
b. Question mark (?)
c. Exclamation mark (!)
d. Coma (,)
11. I ___ twelve years old.
- a. Will
b. Was
c. Am
d. Is
12. He ___ a clever boy.
- a. Was
b. Is
c. Are

- d. Am
- 13.They _____ very angry with her.
- a. Are
 - b. Where
 - c. Will
 - d. Were
- 14.Your spectacles _____ on the table.
- a. Was
 - b. Were
 - c. Are
 - d. None of them
- 15.The police _____ arrested my neighbour.
- a. Is
 - b. Are
 - c. Have
 - d. Has
- 16.One of my brother _____ in Iran.
- a. Live
 - b. Lives
 - c. Living
 - d. None of them
- 17.12 kilometres _____ a long way to walk everyday.
- a. Is
 - b. Are
 - c. Were
 - d. All of them
- 18.One of my friend _____ gone to America for studies.
- a. Has
 - b. Have
 - c. Is
 - d. All of them
- 19.What is the full form of Wasn't
- a. Was not
 - b. Were not
 - c. Only a
 - d. Both a and b
- 20.What is the contraction word for the following: have not
- a. Hasn't
 - b. Haven't
 - c. Hav'nt

d. Ha'vnt

21. Phenolphthalein is a synthetic indicator and its colours in acidic and basic solutions, respectively are 1 mark

- a. red and blue.
- b. blue and red.
- c. pink and colourless.
- d. colourless and pink

22. When the soil is too basic, plants do not grow well in it. To improve its quality what must be added to the soil? 1 mark

- a. Organic matter
- b. Quick lime
- c. Slaked lime
- d. Calamine solution

23. 'Litmus', a natural dye is an extract of which of the following? 1 mark

- a. China rose (*Gudhal*)
- b. Beetroot
- c. Lichen
- d. Blue berries (*Jamun*)

24. Neutralisation reaction is a 1 mark

- a. physical and reversible change.
- b. physical change that cannot be reversed.
- c. chemical and reversible change.
- d. chemical change that cannot be reversed.

25. A solution changes the colour of turmeric indicator from yellow to red. The solution is 1 mark

- (a) basic
- (b) acidic
- (c) neutral
- (d) either neutral or acidic

26. Define the following terms 4 mark

- a. Autotrophs
- b. Heterotrophs
- c. Photosynthesis
- d. Chlorophyll

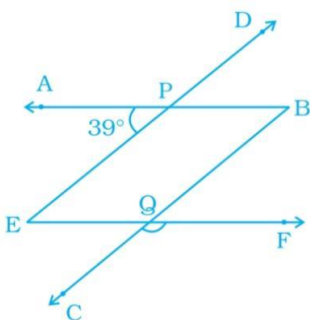
27. What is a stomata? Draw a well labelled diagram. 3 mark

28. Represent the process of photosynthesis in form of an equation. 2 mark

29. What will happen if chlorophyll is not present in leaves? 2 mark

30. Give examples of neutralization in everyday life. 4 mark

31. In a bag there are 5 and 2 rupee coins. If they are equal in number and their worth is Rs. 70, then (4 marks)
- The worth of x coins of Rs. 5 each _____.
 - The worth of x coins of Rs. 2 each _____.
 - The equation formed is _____.
 - There are _____ 5 rupee coins and _____ 2 rupee coins.
32. Finding the value of a variable in a linear equation that _____ the equation is called a _____ of the equation. (1 mark)
33. Any term of an equation may be transposed from one side of the equation to the other side of the equation by changing the _____ of the term. (1 mark)
34. Which of the following pair of angles are supplementary? (1 mark)
- $48^\circ, 42^\circ$.
 - $60^\circ, 60^\circ$.
 - $75^\circ, 105^\circ$.
 - $179^\circ, 2^\circ$
35. If two lines are intersected by a transversal, then the number of pairs of interior angles on the same side of the transversal is (1 mark)
- 1.
 - 2
 - 3.
 - 4.
36. The angles x and $90^\circ - x$ are. (1 mark)
- supplementary.
 - complementary.
 - vertically opposite.
 - making a linear pair.
37. Which of the following equations can be formed using the expression $x = 5$ (1 mark)
- $2x + 3 = 13$.
 - $3x + 2 = 13$.
 - $x - 5 = 1$.
 - $4x - 9 = 21$.
38. $[(-10) \times (+9)] + (-10)$ is equal to. (1 mark)
- 100
 - 100.
 - 80.
 - 80
39. The mean of 10 observations was calculated as 40. It was detected on rechecking that the value of 45 was wrongly copied as 15. Find the correct mean. (2 marks)
40. In given figure $AB \parallel EF$, $ED \parallel CB$ and $\angle APE$ is 39° . Find $\angle CQF$. (2 marks)



41. The cards bearing letters of the word "MATHEMATICS" are placed in a bag. A card is taken out from the bag without looking into the bag (at random). (5 marks)
- How many outcomes are possible when a letter is taken out of the bag at random?
 - What is the probability of getting
 - M?
 - Any vowel?
 - Any consonant?
 - X?
42. What should be in the position of the question mark (?) 20 marks

1. T U X C J ? ?

2. A Z D W G T J Q ? ?
3. 1 4 9 16 25 ?
4. E G K Q Y I ?
5. 2 3 5 7 11 13 ?
6. 1 3 7 13 21 31 ?
7. 460.8 115.2 28.8 7.2 ?
8. 50 48 45 40 33 22 ?
9. E H F I G J ? ?
10. BCD HIJ MOP TUV ?
11. L M O R ? ? ?
12. AZ BY CX DW EV ?
13. 1 6 16 31 51 76 ?
14. 1 5 13 25 41 61 ?
15. S M G A U O ? ?
16. 27 125 343 729 1331 ?
17. 1 4 10 19 31 ? ?
18. 4 6 9 14 22 35 ?
19. A C F K R ?
20. E G K Q Y I ?