

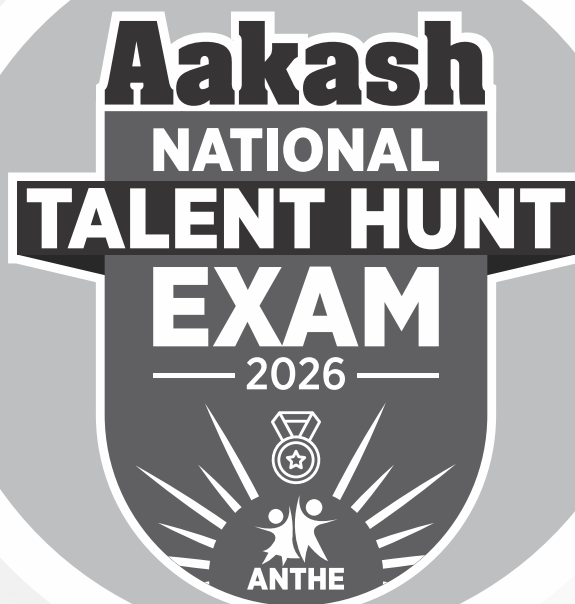
Sample Paper

FOUNDATIONS



Aakash

Medical | IIT-JEE | Foundations



(Class IV Studying Moving to Class V)

Science, Mathematics & Mental Ability

INSTRUCTIONS FOR CANDIDATE

1. Duration of Test is 1 hr.
2. The Test Booklet consists of **40** questions. The maximum marks are **80**. There is **no negative marking** for wrong answer.
3. Pattern of the questions are as under:
 - (i) The question paper consists of **three parts i.e., Science, Mathematics and Mental Ability**. Each question carries **+2 marks** for correct answer.
 - (ii) All questions are of single correct answer type.

Aakash National Talent Hunt Exam 2026

Sample Paper

(Class IV Studying Moving to Class V)

(The questions given in sample paper are indicative of the level and pattern of questions that will be asked in ANTHE-2026)

Time : 1 Hour

MM : 80

SCIENCE

There are 21 multiple choice questions in Science. Each question has 4 choices (1), (2), (3) and (4) out of which **ONLY ONE** choice is correct.

- To store grains, earthen pots are lined inside with
 - Neem leaves
 - Cow dung
 - Peepal leaves
 - Insects
- The Jenu Kuruba is a tribe from
 - Gujarat
 - Maharashtra
 - Karnataka
 - Odisha
- Tulsi is also known by the name
 - Carom
 - Indian basil
 - Neem
 - Ajwain
- Statement-1** : The six tastes such as sweet, sour, salty, pungent, bitter and astringent are known as 'shad rasa' in Ayurveda.
Statement-2 : Millets are rich sources of nutrients.
Consider the given statements and select the correct option.
 - Only statement-1 is correct
 - Only statement-2 is correct
 - Both the statements are correct
 - Both the statements are incorrect
- Match the following columns and select the correct option.

a. Protective food	(i) Pizza
b. Junk food	(ii) Orange
c. Energy giving food	(iii) Legume
d. Body building food	(iv) Rice

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

6. **Statement-1** : Mindful eating is about paying attention to what we eat and how we feel while eating.
Statement-2 : Along with good food, we also need to exercise regularly to stay healthy.
Consider the given statements and select the correct option.

- (1) Only statement-1 is correct
- (2) Only statement-2 is correct
- (3) Both the statements are correct
- (4) Both the statements are incorrect

7. 'Khel Yoga' textbook is related to

- (1) Physical education
- (2) Food
- (3) Diseases
- (4) Spiritual books

8. All of the following play an important role in the journey of food, **except**

- (1) Water
- (2) Soil
- (3) Fire
- (4) Sunlight

9. Which of the following animals uses its long trunk to take food and water?

- (1) Monkey
- (2) Elephant
- (3) Cow
- (4) Lion

10. 'X' is a bird that has a headgear growing out of its forehead like a horn. Here, 'X' is

- (1) Sunbird
- (2) Eagle
- (3) Crow
- (4) Hornbill

11. Ugadi Pachadi is a traditional food of

- (1) Punjab
- (2) Maharashtra
- (3) Andhra Pradesh
- (4) Odisha

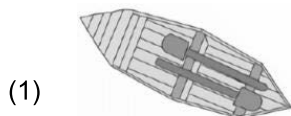
12.



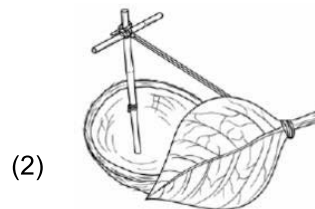
The given animal swims with the help of

- (1) Fins
- (2) Shell
- (3) Leg
- (4) Snout

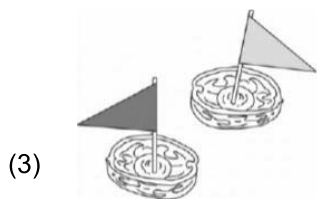
13. Which of the following will float on water?



A boat made with ice-cream sticks



A boat made of a coconut shell



Boats made using walnut shells

(4) None of these

14. Which of these objects is used to twist cotton fiber into thread by spinning a large wheel?
- (1) Potter's wheel (2) Ceiling fan
(3) Lattu (4) Charkha
15. In India Van Mahotsav is celebrated during the rainy season, from
- (1) 10 July to 17 July (2) 21 July to 27 July
(3) 1 July to 7 July (4) 15 July to 22 July
16. Which of the following connects people living in different areas?
- (1) School (2) Shop
(3) Police (4) Road
17. Leaves buried in a pit becomes 'X' and it improves the 'Y' quality. 'X' and 'Y' respectively are
- (1) Soil and manure (2) Manure and soil
(3) Soil and fruit (4) Soil and road
18. Which of the following means of communication was used in earlier times?
- (1) Letter (2) Internet
(3) Text message (4) Social media
19. Consider the list of following people
- a. Doctor b. Teacher
c. Nurse
- Those who works at a hospital or a health centre is/are
- (1) Only a (2) Only b
(3) Both a and c (4) Both b and c
20. A student makes two spinners-X, Y using cardboard and toothpicks. Spinner X has the toothpick at the very center of the cardboard, while spinner Y has the toothpick near the edge of the cardboard. Then on spinning
- (1) Spinner X will immediately flip over
(2) Both spinners will spin exactly the same way
(3) Spinner Y will spin longer because it is unbalanced
(4) Spinner X will spin upright and longer while spinner Y will not spin properly
21. Which of the following is correct about the representation of directions on a map?
- a. North is shown upwards.
b. South is shown downward.
c. East is shown on the right.
d. West is shown on the right.
- (1) Only a and b (2) Only b and c
(3) a, b and d (4) a, b and c

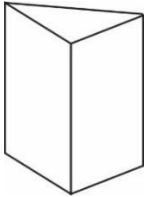
MATHEMATICS

There are 11 multiple choice questions in Mathematics. Each question has 4 choices (1), (2), (3) and (4) out of which **ONLY ONE** choice is correct.

22. The number of faces in a rectangular prism is

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

23. The side view of the following drawing is



- (1)
- (3)

- (2)
- (4)

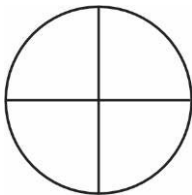
24. Which of the following number is odd?

- (1) 68
- (2) 74
- (3) 81
- (4) 16

25. Which number is formed by adding 3 Hundreds, 7 tens and 4 ones?

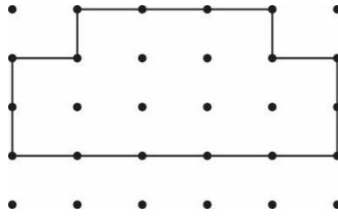
- (1) 371
- (2) 374
- (3) 369
- (4) 743

26. Which of the following represents $\frac{1}{4}$ part of the below figure?



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

27. The perimeter of the following shape is (assume gap between any two consecutive dots horizontally or vertically as 1 cm)



- (1) 16 cm (2) 18 cm
 (3) 20 cm (4) 25 cm
28. 7 m 68 cm equals to
 (1) 700 cm (2) 720 cm
 (3) 768 cm (4) 687 cm
29. Rahul got 207 watermelons from his watermelon tree last year. This year he got 398 watermelons. How many more watermelons did he get this year?
 (1) 167 (2) 187
 (3) 191 (4) 281
30. Which of the following shape is always present in a pyramid?
 (1) Circle (2) Square
 (3) Rectangle (4) Triangle
31. Which of the following number lie between 3116 and 4116?
 (1) 5201 (2) 2407
 (3) 3451 (4) 4216
32. If $a = 567 + 121$, $b = 654 - 157$ and $c = 789 + 209$, then the value of $a + b + c$ is
 (1) 2144 (2) 2183
 (3) 2284 (4) 2283

MENTAL ABILITY

There are 8 multiple choice questions in Mental Ability. Each question has 4 choices (1), (2), (3) and (4) out of which **ONLY ONE** choice is correct.

33. Find the next term of the given series.
 5, 10, 15, 20, ?
 (1) 35 (2) 25
 (3) 30 (4) 22
34. Find the missing term.
 B, D, F, ?, J, L
 (1) H (2) I
 (3) G (4) F

35. If 'Apple' is related to 'Fruit' then 'Potato' is related to
- (1) Tree (2) Fruit
(3) Plant (4) Vegetable
36. Neha walks 5 m toward East then turn left and walks 10 m. In which direction is she facing now?
- (1) South (2) East
(3) North (4) West
37. A is mother of B. B is sister of C. C is brother of D. How is C related to A?
- (1) Son (2) Daughter
(3) Mother (4) Cousin
38. Choose the correct option in place of '?'.

5	6	30
7	4	28
8	4	?

- (1) 36 (2) 24
(3) 40 (4) 32
39. Choose the correct mirror image of the given figure.



- (1) **ZA** (2) **SA**
(3) **NA** (4) **AS**

40. Count the total number of triangles in the given figure.



- (1) Two (2) Three
(3) Four (4) Five





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OUR TOP PERFORMERS IN NEET (UG) 2025



OUR TOP PERFORMERS IN JEE (Advanced) 2025



Olympiads Results

777 Classroom Students
Aakashians Qualified

in IOQM
2025

134 Classroom Students
Aakashians Qualified

in RMO
2025-26

378 Classroom Students
Aakashians Qualified

in NSEs
2025-26

26 Classroom Students
Aakashians Qualified

for OCSCs/IMOTC
/APMO 2025-26

2072 Classroom Students
Aakashians Qualified

in NSO & IMO (Level-1)
2025-26