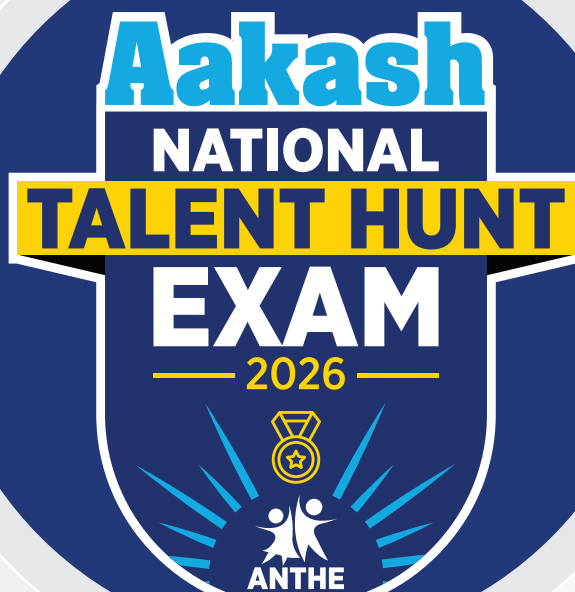


Sample Paper

FOUNDATIONS



(Class V Studying Moving to Class VI)

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 V Studying Moving to Class VI)

(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.

1. Which of the following is an example of the cleanest fuel energy to produce useful energy?
(1) Burning coal for electricity (2) Using windmills to generate electricity
(3) Using wood for cooking (4) Burning oil in a lamp
2. In a classroom, a ceiling fan is switched on to make air move and cool the room. The fan converts _____ energy into movement of air.
(1) Light (2) Electrical
(3) Sound (4) Heat
3. A student observes three situations.
(A) An LED bulb glows brightly while consuming very little electricity.
(B) Damp clothes dry faster when kept in sunlight.
(C) A pinwheel rotates when a student runs with it.
Which of the following statements are correct?
(1) (A) and (B) only (2) (B) and (C) only
(3) (A) and (C) only (4) All (A), (B) and (C)
4. Consider the following statements:
Statement I : A dam is like a big wall built across a river to store water in a reservoir.
Statement II : Building a dam never causes any problems for animals or people living nearby.
(1) Only statement I is correct (2) Only statement II is correct
(3) Both statements I and II are correct (4) Both statements I and II are incorrect
5. Which of the following plants floats freely on top of the water?
(1) Lotus (2) Reeds
(3) Water Hyacinth (4) Water Lily
6. Which of the following is one of the largest salt producing area in India?
(1) The salt pans of Bengal
(2) The salt pans of Maharashtra
(3) The salt pans of Gujarat
(4) The salt pans of Rajasthan

7. Which of the following can pollute river water?

- (a) Plastics
- (b) Rain water
- (c) Waste from houses
- (d) Dirty water

- (1) Only (a) and (b)
- (2) Only (b) and (c)
- (3) (a), (b) and (c)
- (4) (a), (c) and (d)

8. Which of the following is not a form of water?

- (1) Snow
- (2) Steam
- (3) Ice
- (4) Lake

9. Consider the following statements.

- (a) Ocean water is not fit for drinking.
- (b) Aquatic plants and animals live in and around water for their survival.
- (c) The waxy coating on the leaves of plants make them waterproof.
- (d) Pond heron is an aquatic bird having thick legs.

Now, choose the incorrect option.

- (1) Statements (a) and (b) are correct
- (2) Statements (b) and (c) are correct but statement (d) is incorrect
- (3) Statements (c) and (d) are correct, whereas statement (a) is incorrect
- (4) Statements (a), (b) and (c) are correct

10. The white band in the middle of the Indian National Flag stands for

- (1) Courage
- (2) Prosperity
- (3) Peace
- (4) Strength

11. The Andaman and Nicobar Islands are

- (1) Located in Western Ghats
- (2) Surrounded by land on all sides
- (3) A long chain of islands
- (4) Located at Northeast India

12. During a fire drill, students should

- (1) Run fast and push others
- (2) Hide inside the bathrooms
- (3) Move quickly and calmly to the nearest exit route
- (4) Stay inside the classrooms silently

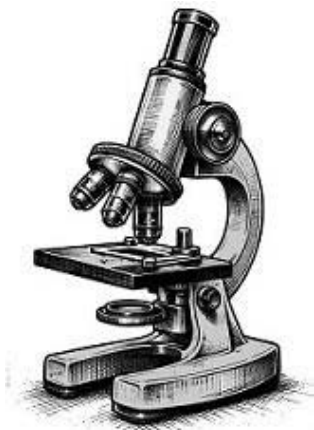
13. **X** – It is involved in cutting.

Y – It is involved in tearing.

Here, the types of teeth **X** and **Y** respectively are

- (1) Canine and molar
- (2) Incisor and canine
- (3) Canine and premolar
- (4) Incisor and molar

14.



The above depicted instrument is used to see

- | | |
|-----------|--------------|
| (1) Frogs | (2) Snakes |
| (3) Fish | (4) Microbes |
15. Select the **odd** one out w.r.t. ways to maintain oral hygiene.
- | | |
|-----------------------------------|--------------------------------|
| (1) Rinse your mouth after eating | (2) Brush your teeth regularly |
| (3) Eat more sweets | (4) Eat fewer sweets |
16. Which of the following birds is found only in the Andaman and Nicobar Islands?
- | | |
|-------------|----------------------|
| (1) Peacock | (2) Andaman hornbill |
| (3) Sparrow | (4) Eagle |
17. We celebrate Republic Day on 26th January every year because
- | |
|---|
| (1) India became independent on this day |
| (2) Our constitution came into effect on this day |
| (3) The National Anthem was written on this day |
| (4) The flag was designed on this day |
18. **Statement-I** : Traffic rules should be followed correctly to avoid accidents.
Statement-II : A black surface absorbs heat, while a white surface reflects it.
Consider the above given statements and select the correct option.
- | | |
|-------------------------------------|---------------------------------------|
| (1) Only statement-I is correct | (2) Only statement-II is correct |
| (3) Both the statements are correct | (4) Both the statements are incorrect |
19. The Jal Shakti Abhiyan is a campaign to
- | |
|--|
| (a) Save and protect water. |
| (b) Encourage people for planting trees. |
- Select the correct option.
- | | |
|-------------------------------|--------------------------------|
| (1) Only (a) is true | (2) Only (b) is true |
| (3) Both (a) and (b) are true | (4) Both (a) and (b) are false |

20. Select the correct reason for adding oil to pickle.
- (1) It keeps out air and stops the growth of microbes
 - (2) It increases the growth of microbes
 - (3) It increases the temperature that fastens the growth of microbes
 - (4) It decreases the temperature that fastens the growth of microbes
21. Ghee is a product of
- (1) Butter
 - (2) Mango
 - (3) Lemon
 - (4) Fish

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. 46,878 can be written in words as
- (1) Forty-six thousand eight hundred and seventy nine
 - (2) Forty-seven thousand eight hundred and ninety
 - (3) Forty-six thousand seven hundred and eighty one
 - (4) Forty-six thousand eight hundred and seventy eight
23. Equivalent fraction of $\frac{2}{7}$ is
- (1) $\frac{3}{7}$
 - (2) $\frac{4}{14}$
 - (3) $\frac{3}{14}$
 - (4) $\frac{3}{8}$
24. 
- Number of obtuse angles in the above figure is
- (1) 0
 - (2) 1
 - (3) 2
 - (4) More than 2
25. Sandra fills fuel tank of her car with 20 litres of petrol. She drives to a hotel and consumes 13 litres of petrol in doing so. The quantity of petrol left in car's tank is
- (1) 7 ℓ
 - (2) 4 ℓ
 - (3) 5 ℓ
 - (4) 6 ℓ
26. A statue of Buddha is 128 m 25 cm long and a statue of Christ is 38 m 75 cm long. The sum of lengths of both the statues is
- (1) 166 m
 - (2) 168 m
 - (3) 169 m
 - (4) 167 m

27. Romit combines 64 small cubes together to make a large solid cube. He paints the large cube blue. How many of the original small cubes have three faces painted blue?
- (1) 4 (2) 5
(3) 6 (4) 8
28. 3 kg 69 grams equals
- (1) 369 grams (2) 3000 grams
(3) 3069 grams (4) 300 grams
29. Number of $\frac{1}{16}$ s which make $\frac{1}{2}$, is
- (1) 6 (2) 8
(3) 10 (4) $\frac{1}{8}$
30. What is the total weight of 5,376 kg of cement and 2,177 kg of steel?
- (1) 7453 kg (2) 7135 kg
(3) 7717 kg (4) 7553 kg
31. Which of the following statements is correct?
- (1) Quadrilateral with opposite sides unequal is a parallelogram
(2) An isosceles triangle has two sides equal
(3) An equilateral triangle has unequal sides
(4) A scalene triangle has all sides equal
32. Murrappa has 31 cows in his farm. Each cow produces 6 litres of milk each day. The quantity of milk produced by all cows in the period from 01-Feb-2025 to 31-March-2025 is
- (1) 1197 ℓ (2) 10974 ℓ
(3) 11297 ℓ (4) 11397 ℓ

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.
8, 16, 32, 64, 128, ?
- (1) 248 (2) 365
(3) 265 (4) 256
34. Complete the given letter series.
CH, EJ, GL, ?, KP
- (1) IN (2) JN
(3) IM (4) OI

35. Choose the correct option in place of (?).

BC : YX :: DH : WS :: JT : ?

(1) QR

(2) QG

(3) GQ

(4) RT

36. If a library is 2 km north of the school and a hospital is 1 km south of the school, what is the distance between the library and the hospital?

(1) 3.5 km

(2) 2 km

(3) 3 km

(4) 4 km

37. A and B are married couple. B is mother of C. C is only brother of D, who is father of E. How is B related to E?

(1) Grandfather

(2) Grandmother

(3) Mother

(4) Granddaughter

38. In a certain code, MONDAY is coded as NPOEBZ and MARCH is coded as NBSDI. Then, how 'CENTURY' is coded in same code language?

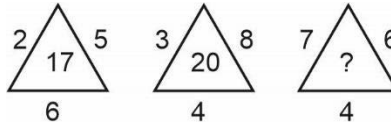
(1) DZFOUVS

(2) DFOUVSZ

(3) ZSVUDFO

(4) DFMUVZS

39. Find the missing number.



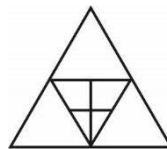
(1) 34

(2) 43

(3) 32

(4) 36

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



(1) 14

(2) 8

(3) 10

(4) 12



37+ Years Old Legacy of Delivering Outstanding Results

Stellar Ranks in NEET (UG) 2026

18

Ranks in
Top 50 AIR*

41

Ranks in
Top 100 AIR*

66

Ranks in
Top 200 AIR*

138

Ranks in
Top 500 AIR*

232

Ranks in
Top 1000 AIR*

*Includes students of classroom, digital & distance across all categories.

Punjab
Topper

Aryan
Gupta
AIR
1

715/720
DLP
Program

Rajasthan
Topper

Uplakshya
Goyal
AIR
3

711/720
Classroom
Program

UP
Topper

Aryan
Dubey
AIR
7

710/720
Classroom
Program

Geetansh
Sarin
AIR
8

705/720
Classroom
Program

Krish
Gupta
AIR
15

705/720
Classroom
Program

Top Ranks in JEE (Advanced) 2026

11

Ranks in
Top 100 AIR*

26

Ranks in
Top 200 AIR*

57

Ranks in
Top 500 AIR*

Still Counting

*Includes students of classroom, digital & distance across all categories.

Mohit
Shekher
Shukla
AIR
4

Classroom
Program

AIR
17
Aarav
Gupta

Classroom
Program

Utkarsh
Khokhar
AIR
35

Classroom
Program

Snehal Roy
Choudhury
AIR
41

Classroom
Program

Ekagrah
Agarwal
AIR
42

Classroom
Program

*Fully sponsored student from March 2022 to June 2025

Though every care has been taken to publish the results, yet Aakash Educational Services Ltd. shall not be responsible for inadvertent error, if any.

Our Classroom Result in Olympiads

IOQM 2025

777

Aakashians
Qualified for
RMO 2025-26

RMO 2025-26

134

Aakashians
Qualified for
INMO 2026

NSEs 2025-26

378

Aakashians
Qualified for
INOs 2026

INOs 2026

29

Aakashians
Qualified for
OCSCs/IMOTC 2026

NSO & IMO (Level-I)

2025-26

2072

Aakashians Qualified
for NSO & IMO (Level-II)