

MENTAL ABILITY

1. Which of these would give 62 as the answer?

- (1) $82-13$ (2)* $74-12$
 (3) $85-22$ (4) $89-26$

2. Aditya had 8 balls and he gave 3 to his brother. How many balls does Aditya have now?

- (1) 4 (2)* 5
 (3) 3 (4) 8

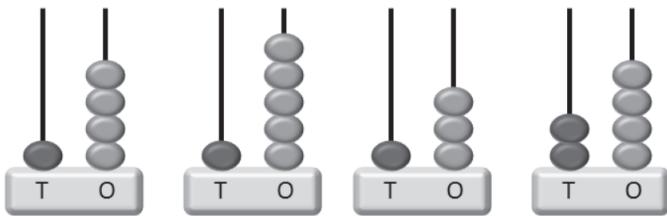
3. Which of the following is the correct order from shortest to tallest?



Mohan Kiran Sanjay Radha

- (1) Kiran, Radha, Sanjay, Mohan
 (2) Mohan, Radha, Sanjay, Kiran
 (3) Mohan, Kiran, Radha, Sanjay
 (4)* Kiran, Sanjay, Radha, Mohan

4. Which abacus shows four numbers less than 19?



(A) (B) (C) (D)

- (1)* B
 (2) A
 (3) C
 (4) D

5. Ram and Kavita are playing a game. Ram asks Kavita to move 3 steps towards him. If Kavita is on the third step, where will she be after moving?

Kavita



Ram



- (1)* 6 (2) 4
 (3) 5 (4) 7

6. Look at the picture given below:



Which of the following sentences represents above picture?

- (1) $2 + 4 + 2$ (2) $4 + 2 + 2$
 (3)* $2 + 2 + 2 + 2$ (4) $1 + 2 + 3 + 4$

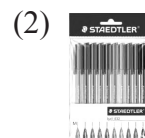
7. Anil has



Which of the following can he buy?



₹ 30



₹ 18



₹ 12



₹ 8

8. Which bottle is the tallest?



- (1) S (2)* P
 (3) R (4) Q

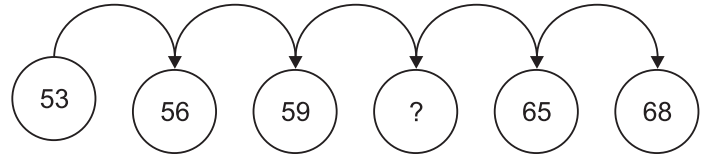
9. If



= _____ ?

- (1) 17
 (2) 70
 (3) 77
 (4)*35

10. What is the missing number?



- (1)*62
 (2) 60
 (3) 65
 (4) 59

SPACE SCIENCE

11. Which of the following can we see on the sky?

- (1) 
 (2) 
 (3) 

(4)*All of the above



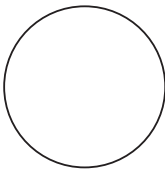
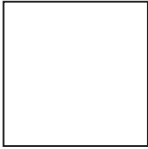
12. When can we see the stars shining?

- (1) Day (2)* Night
 (3) Noon (4) Morning

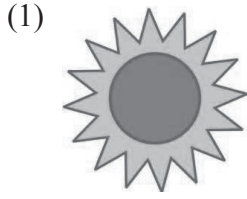
13. The sun rises in the east and sets in the

- (1) east (2)* west
 (3) north (4) south

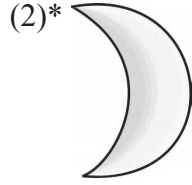
14. Which of the following is the shape of the sun?

- (1) 
 Triangle
 (2) 
 Rectangle
 (3)* 
 Round
 (4) 
 Square

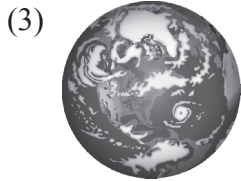
15. Which of the following changes its shape every day?



Sun



Moon

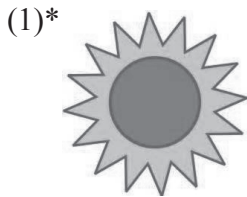


Earth

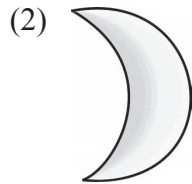


Star

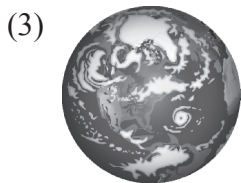
16. Hot ball of fire is



Sun



Moon

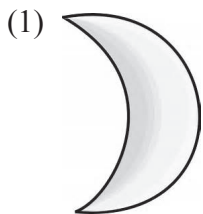


Earth

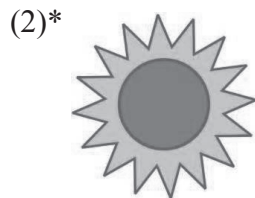


Snow

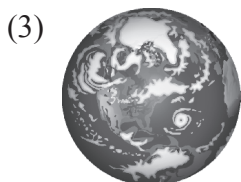
17. Which of the following is a star?



Moon



Sun

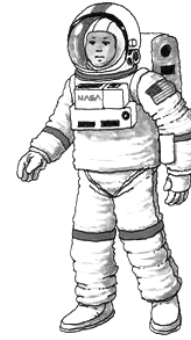


Earth



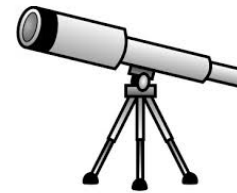
Comet

18. People who travel to outer space are called



- (1) Doctors
- (2) Teachers
- (3) Astrologers
- (4)* Astronauts

19. Instrument used to see stars and planets is



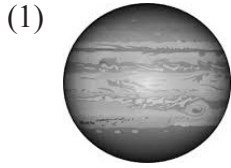
- (1) Thermometer
- (2) Camera
- (3) Binocular
- (4)* Telescope

20. What is formed due to sunlight passing through raindrops?



- (1) Snow
- (2)* Rainbow
- (3) Rain
- (4) Both (1) and (3)

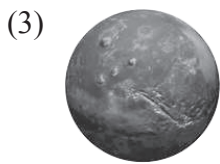
21. Planet on which we are living is called as



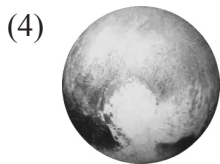
Jupiter



Earth



Mars



Pluto

22. How many seasons of the year are there?

- (1)*4 (2) 8
(3) 12 (4) 24

23. The solar system includes

- (1) Eight stars (2)* Eight planets
(3) Nine stars (4) Nine planets

24. What is a scientist called who studies space on Earth?

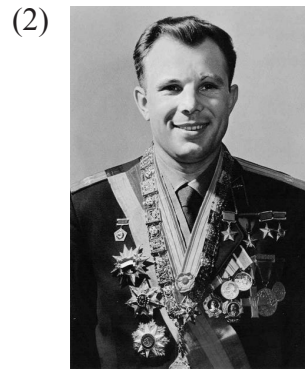


- (1)*Astronomer (2) Zoologist
(3) Geologist (4) Biologist

25. Who was the first person to walk on the moon?



Neil Armstrong



Yuri Gagarin



Kalpana Chawla



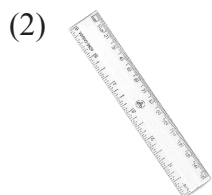
Rakesh Sharma

INTERACTIVE SECTION

26. What is the tool called to measure weight?



Graduated Cylinder



Ruler



Scale



Thermometer

27. What is the name of the first satellite sent into space?

- (1) Explorer 1 (2) Mir
(3)*Sputnik (4) IRS-1A

28. An astronaut in outer space will observe sky as

- (1) White
(2)*Black
(3) Blue
(4) Red

29. The first person to enter into space was



Valentina Tereshkova



Edward H. White



Yuri Gagarin



Alan Shepard

30. How many suns we see in the sky?

- (1)*One (2) Two
(3) Three (4) Four

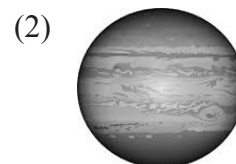
31. How many stars are there in Universe?

- (1) Thousands (2) Lakhs
(3) Millions (4)* Billions

32. The planet nearest to the sun is



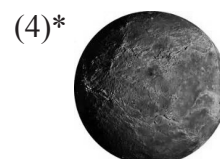
Saturn



Jupiter



Mars






Mercury

33. How many moons we see in the sky?

- (1) Four (2) Three
(3) Two (4)* One

34. What planet is famous for the beautiful rings that surround it?

- (1)  (2)* 
Neptune Saturn

- (3)  (4) All the above
Jupiter

35. What is the name of the force holding us to the Earth?

- (1) Electric force (2) Magnetic force
(3)* Gravity (4) All of the above


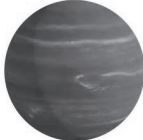
36. What is the name of a place that uses telescopes and other scientific equipment to research space and astronomy?

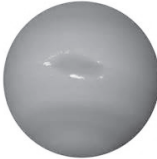
- (1) The Laboratory (2)* An Observatory
(3) The Hospital (4) The School

37. The name of the galaxy in which the earth is a planet is




- (1) Andromeda (2) Ursa Major
(3) Ursa Minor (4)* Milky Way

38. The planet that lies at the outermost orbit of the solar system is



- (1)  (2)* 
Saturn Neptune

- (3)  (4) 
Mercury Uranus

39. Astronauts go to space by


- (1)  (2) 
(3)*  (4) All of the above

40. First Indian to go to space

- (1)  (2)* 

Sunita Williams

Rakesh Sharma

- (3)  (4) All of these

Kalpana Chawla

* denotes answer.



END OF THE EXAM