



ASTRONOMY

School Level Examination

GRADE

3

DO NOT OPEN THIS BOOKLET UNTIL INSTRUCTED TO DO SO

- * All questions are compulsory.
- * Read the instructions on the **ANSWER SHEET** and fill in your **NAME, CLASS and OTHER INFORMATION**.

To mark your choice of answer by darkening the circles in the Answer Sheet, use an **HB Pencil** only.

- * You **MUST** record your answers on the **ANSWER SHEET**.
- * There are 30 **MULTIPLE CHOICE QUESTIONS**. Use the information provided to choose the **BEST** answer among the four possible options.

On your **ANSWER SHEET** fill in the oval that matches your answer.

- * Marks are **NOT** deducted for incorrect answers.
- * Return the **Answer Sheet** to the invigilator at the end of the examination.
- * Write your Roll No. on the Question Paper too and take it home for future reference.
- * You are **NOT** allowed to use a calculator.

You may use a ruler and spare paper for rough work.

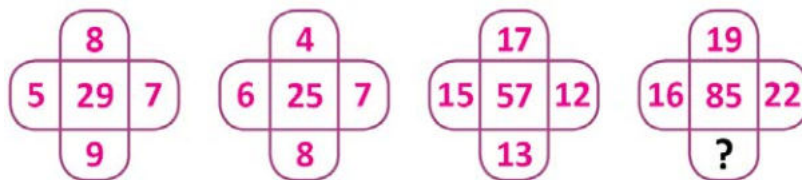
Section - A

(This section contains 5 multiple choice questions. Each question has four choices (A), (B), (C) and (D), out of which only ONE is correct.)

1. The date on the first Thursday of a month is 2. What will be the date on the third Thursday of the month?

(A) 18 (B) 9
(C) 16 (D) 26

2. Find the missing number.



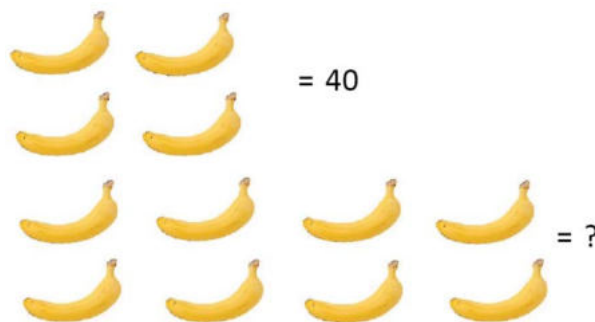
(A) 24 (B) 28
(C) 38 (D) 12

3. Choose the correct alternative.

Nagpur : Orange City :: _____ : Pink City

(A) Kanpur (B) Jaipur
(C) Jamshedpur (D) Jharkhand

4. Complete the given figure.



(A) 50 (B) 60
(C) 78 (D) 80

5. Which number will come next in the given series?



(A) 24 (B) 35

(C)

25

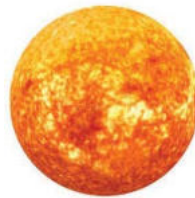
(D)

42

Section - B

(This section contains 25 multiple choice questions. Each question has four choices (A), (B), (C) and (D), out of which only ONE is correct.)

6. Comets are made up of _____.
- (A) Ice and dust (B) Hydrogen gas
(C) Both Helium and Hydrogen gas (D) Rocks
7. Asteroids lie between the orbits of which two planets?
- (A) Mars and Jupiter (B) Mercury and Venus
(C) Earth and Mars (D) Saturn and Uranus
8. What is the average duration of the solar cycle?



- (A) 10 years (B) 11 years
(C) 15 years (D) 24 years
9. Which planet is well-known for its great red spot?



Saturn



Jupiter



Uranus



Pluto

10. Leo constellation appears as shape of _____.

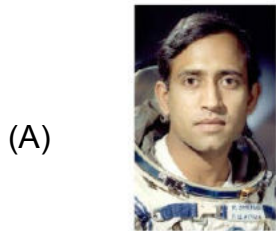


- (A) Hunter
- (B) Lion
- (C) King
- (D) Demon

11. Which of the following is known as Dark Spots of the Moon?

- (A) Dark Matter
- (B) Oceans
- (C) Spots
- (D) Maria

12. Which of the following is the first astronaut to orbit the Earth?



Rakesh Sharma



Edwin Aldrin



Yuri Gagrín



Neil Armstrong

13. We live in the _____ that is outermost layer of the Earth.



- (A) Core (B) Crust
(C) Mantle (D) None of these
14. In which year did Neil Armstrong made his historic walk on the Moon?
(A) 1949 (B) 1969
(C) 1939 (D) 1959
15. How much time does the light take to reach the Earth from the Sun?
(A) 8 hours 20 minutes (B) 1 hour 20 minutes
(C) 8 minutes 30 seconds (D) 1 minute 30 seconds
16. _____ people have walked on the Moon till now.



- (A) 14 (B) 7
(C) 8 (D) 12
17. Proxima centauri is a _____.
(A) White dwarf star (B) Blue giant star
(C) Red dwarf star (D) Big star
18. Which theory explains that the Universe works like a heart beating in rhythm?
(A) Oscillating Universe Theory (B) Big Bang Theory
(C) Big Crunch Theory (D) Atomic Theory
19. Choose the INCORRECT statement.
(A) Neil Armstrong was an astronaut.

(B) The Moon is the Earth's neighbour.

(C) The Moon gives out its own light.

(D) There is no air on the Moon.

20. _____ is known as the Evening Star.

(A)

(B)



Venus

(C)

(D)



Uranus

21. _____ galaxy is the closest large spiral to our galaxy.

(A)

(B)



Scorpius

(C)



Andromeda

(D)



Milky way

22. A light-year is the distance travelled by light in _____.

(A) 24 days

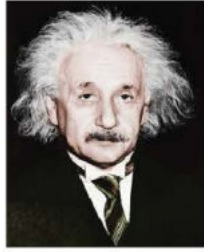
(B) 365 days

(C) 18 days

(D) 300 days

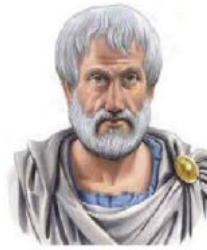
23. _____ described the Universal Theory of Gravitation.

(A)



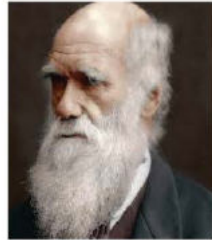
Albert Einstein

(B)



Aristotle

(C)



Charles Darwin

(D)



Isaac Newton

24. What happens when a star dies?

- (A) It explodes into supernova. (B) It becomes black hole.
(C) It becomes red giant. (D) It explodes into white dwarf.

25. Which of the following factors are responsible for making the Earth a unique planet?

- (A) Presence of water.
(B) Presence of oxygen.
(C) Located at an optimum distance from the sun
(D) All of the above

26. _____ is used by astronomers for the study of the planets.

(A)



Binoculars

(B)



Telescope

(C)

(D)

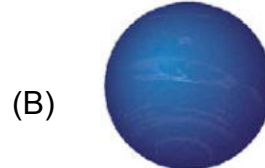


Microscope

27. Moon has _____ active volcanoes.
- (A) 10 (B) 0
(C) 15 (D) 6
28. Name the layer of the Earth's atmosphere that absorbs almost all harmful ultraviolet rays coming from the Sun.
- (A) Thermosphere (B) Ionosphere
(C) Stratosphere (D) Ozone
29. Sun is present in its _____.
- (A) Infant age (B) Young age
(C) Middle age (D) Old age
30. _____ has the tallest volcano in solar system.



Mars



Neptune



Jupiter



Pluto

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