

## 6th Social Science Lesson 18 Questions in English - Geography

## 1. The Universe and Solar System

1. The study of universe is called as\_\_\_\_\_
  - a) Cosmology
  - b) Astrology
  - c) Astronomy
  - d) None
2. Celestial bodies together are called\_\_\_\_\_
  - a) Stars
  - b) Galaxies
  - c) Solar system
  - d) Universe
3. The Big bang is said to be took place about\_\_\_\_\_ years ago
  - a) 15 billion
  - b) 10 billion
  - c) 25 billion
  - d) 5 billion
4. Which of the following unit is used to measure distance between celestial bodies?
  - a) Metre
  - b) Kilometre
  - c) Light year
  - d) Pascal
5. Which of the following statement is correct?
  - 1) Galaxy is a huge cluster of stars, held together by gravitational force
  - 2) Most of the galaxies are scattered in space
  - a) 1 alone
  - b) 2 alone
  - c) 1, 2
  - d) None
6. The light year in terms of velocity/sec is\_\_\_\_\_
  - a) 300,0000
  - b) 300,000
  - c) 30,000
  - d) 300,00000
7. The speed of sound is\_\_\_\_\_ m/s
  - a) 330
  - b) 30
  - c) 3330
  - d) 300
8. The milky way galaxy is formed about\_\_\_\_\_ year ago
  - a) 5 billion
  - b) 5 million
  - c) 5 Trillion
  - d) 10 Billion
9. Which of the following is the nearest galaxy to Earth?
  - a) Milky way
  - b) Andromeda
  - c) Cosmameda
  - d) None
10. The solar system is believed to have formed about\_\_\_\_\_ years ago
  - a) 4.5 billion
  - b) 5 billion
  - c) 1 billion
  - d) 3.5 billion
11. Which of the following are parts of our solar system?
  - a) Dwarf planets

- b) Comets  
c) Eight planets  
d) All the above
12. Which of the following statement is incorrect?
- 1) The Sun is at the centre of the solar system.  
2) Each member of the solar system revolves around the Sun.
- a) 1 alone  
b) 2 alone  
c) 1, 2  
d) None
13. The percentage of sun in total mass of solar system is \_\_\_\_\_ %
- a) 50  
b) 99.8  
c) 89.8  
d) 75
14. How much time it takes for sunlight to reach earth?
- a) 8.3 minutes  
b) 8.3 seconds  
c) 7.3 minutes  
d) 7.3 seconds
15. Which of the following statement is correct?
- 1) The Sun is made up of extremely hot gases like Hydrogen and Helium.  
2) The surface temperature of the Sun is about 6,000° C.
- a) 1 alone  
b) 2 alone  
c) 1, 2  
d) None
16. Which of the following statement is incorrect?
- 1) 4.3 million Earths fit inside the Sun.  
2) The Sun is self-luminous so it gives light on its own
- a) 1 alone  
b) 2 alone  
c) 1, 2  
d) None
17. The word planet means \_\_\_\_\_
- a) Sphere  
b) Revolving  
c) Wanderer  
d) None
18. Which of the of the following planet rotate anti-clockwise?
- a) Venus  
b) Uranus  
c) Neptune  
d) Both a and b
19. Which of the following statement is correct?
- 1) The elliptical path in which the planets move around the Sun is known as orbit  
2) The eight planets revolve in their respective orbits because of the gravitational pull
- a) 1 alone  
b) 2 alone  
c) 1, 2  
d) None
20. Which of the following is not a Terrestrial Planet?
- a) Mercury  
b) Earth  
c) Mars  
d) Neptune

21. Which of the following statement is incorrect?

1) The inner planets are comparatively smaller in size and are composed of Gas

2) The surface of inner planets has mountains, volcanoes and craters

a) 1 alone

b) 2 alone

c) 1, 2

d) None

22. Which of the following is a Jovian Planets?

a) Mercury

b) Uranus

c) Pluto

d) Earth

23. Which of the following statement is incorrect?

1) The last four planets are also called Gaseous Giants.

2) An asteroid belt is found between Mars and Saturn

a) 1 alone

b) 2 alone

c) 1, 2

d) None

24. Which of the following statement is correct regarding Mercury?

1) Mercury is the smallest and closest planet to the Sun.

2) It is named after the Roman deity 'Mercury', the messenger to the Gods.

a) 1 alone

b) 2 alone

c) 1, 2

d) None

25. Which of the following statement is incorrect regarding Mercury?

1) Mercury is an airless and waterless planet

2) It has an atmosphere and so experiences extremes of temperature.

a) 1 alone

b) 2 alone

c) 1, 2

d) None

26. How many satellites does Mercury has?

a) 2

b) 1

c) 4

d) 0

27. Which of the following planet can be viewed with naked eyes?

a) Mercury

b) Jupiter

c) Saturn

d) None

28. Which of the following planet is called as Earth's twin?

a) Mercury

b) Venus

c) Mars

d) Jupiter

29. Which of the following planet has longest rotation period?

a) Venus

b) Mercury

c) Jupiter

d) Uranus

30. Which of the following statement is correct?

- 1) Venus rotates in the opposite direction to all other planets except Uranus.
- 2) It has no natural satellites like Mercury
- a) 1 alone  
b) 2 alone  
c) 1, 2  
d) None
31. Venus means \_\_\_\_\_
- a) Roman goddess of love and beauty  
b) Roman goddess of love  
c) Roman goddess of beauty  
d) None
32. Which of the following is called as Morning and evening star?
- a) Mercury  
b) Venus  
c) Sun  
d) Moon
33. \_\_\_\_\_ of earth is covered with water
- a) 2/3rd  
b) 3/4th  
c) 4/5th  
d) 1/2nd
34. The polar diameter of earth is \_\_\_\_\_ Kms
- a) 12, 714  
b) 12, 756  
c) 12, 614  
d) 12, 765
35. The Earth revolves around the Sun at a speed of about \_\_\_\_\_ Km/s
- a) 100  
b) 130  
c) 30  
d) 300
36. The distance between Earth and sun is \_\_\_\_\_ kilometre
- a) 150 million  
b) 100 million  
c) 150 billion  
d) 100 billion
37. The second smallest planet in the solar system is \_\_\_\_\_
- a) Earth  
b) Mars  
c) Jupiter  
d) Saturn
38. Which among the following is the only planet not named after Greek or Roman god?
- a) Mercury  
b) Mars  
c) Earth  
d) Saturn
39. The red colour of mars is due to \_\_\_\_\_
- a) Iron oxide  
b) Copper oxide  
c) Sulphur oxide  
d) Magnus oxide
40. Which of the following planet has polar ice caps like earth?
- a) Mercury  
b) Venus  
c) Mars  
d) None
41. Which among the following is the largest planet in the solar system?
- a) Saturn  
b) Jupiter

- c) Uranus  
d) Earth
42. Which of the following is/are of Jupiter's satellite?  
a) Io  
b) Europa  
c) Callisto  
d) All the above
43. Which of following planet is spinning in solar system?  
a) Mars  
b) Mercury  
c) Jupiter  
d) Uranus
44. How many satellites does Saturn has?  
a) 73  
b) 63  
c) 53  
d) 43
45. Which of the following planet is named after roman god of agriculture?  
a) Jupiter  
b) Saturn  
c) Uranus  
d) Neptune
46. The rings of Saturn are made of\_\_\_\_  
a) Ice  
b) Rocks  
c) Dust particles  
d) All the above
47. Which of the following planet's specific gravity is less than water?  
a) Jupiter  
b) Uranus  
c) Neptune  
d) Saturn
48. Who among the following discovered Uranus?  
a) William Herschel  
b) John Herschel  
c) William Hawkins  
d) George Herschel
49. The green colour of Uranus is due to\_\_\_\_  
a) Ether  
b) Methane  
c) Sulphur dioxide  
d) Iron oxide
50. Uranus is named after\_\_\_\_  
a) Roman god  
b) Greek god  
c) Indian god  
d) None
51. The largest satellite of Uranus is\_\_\_\_  
a) Ganymede  
b) Callisto  
c) Titania  
d) Titan
52. Neptune is named after\_\_\_\_  
a) Roman god of sea  
b) Greek god of sea  
c) Roman god of agriculture  
d) Greek god of agriculture
53. The largest satellite of Neptune is\_\_\_\_  
a) Titan  
b) Titania  
c) Deimos  
d) Triton

54. Which of the following feature of Neptune is used to distinguish it from Uranus?

- a) striking blue and white features
- b) striking blue and green features
- c) striking blue and red features
- d) striking violet and white features

55. Which of the following statement is correct?

- 1) Dwarf planets are small celestial bodies found beyond the planet Neptune
- 2) They are extremely cold and dark

- a) 1 alone
- b) 2 alone
- c) 1, 2
- d) None

56. How many dwarf planets are found in our solar system?

- a) 4
- b) 5
- c) 10
- d) 8

57. How much time does moon takes to revolve around earth?

- a) 28 days 8hours
- b) 27days 8 hours
- c) 30 days 8 hours
- d) 29 days 8hours

58. which of the following statement is incorrect?

- 1) The Moon has no atmosphere
  - 2) The surface of the moon is characterized by craters created by the impact of meteors.
- a) 1 alone
  - b) 2 alone
  - c) 1, 2

d) None

59. Which of the following statement is correct?

- 1) The size of the moon is one-quarter of the Earth.
- 2) The Moon is the only celestial body where humans have landed.

- a) 1 alone
- b) 2 alone
- c) 1, 2
- d) None

60. In which year Chandrayaan – 1 was launched?

- a) 2008
- b) 2007
- c) 2010
- d) 2009

61. Which of the following are called as minor planets?

- a) Asteroids
- b) Comets
- c) Dwarf planets
- d) Natural satellites

62. Which of the following celestial body has head and tail?

- a) Comets
- b) Asteroids
- c) Meteorites
- d) Meteors

63. Halley's Comet will appear next in\_\_\_\_\_

- a) 2021
- b) 2061
- c) 2031
- d) 2025

64. Which of the following is called as shooting stars?

- a) Meteors
- b) Comets
- c) Asteroids
- d) None

65. Which of the following statement is correct?

1) Meteorites which strike the Earth's surface are called meteors

2) When entering into the Earth's atmosphere, most of meteors burn

- a) 1 alone
- b) 2 alone
- c) 1, 2
- d) None

66. The Earth's axis is always tilted or inclined from the vertical by an angle of \_\_\_\_\_

- a)  $23\frac{1}{2}^\circ$
- b)  $66\frac{1}{2}^\circ$
- c)  $33\frac{1}{2}^\circ$
- d)  $36\frac{1}{2}^\circ$

67. The velocity of the Earth's rotation at  $60^\circ$  N and S latitudes?

- a) 1670 Kmph
- b) 845 Kmph
- c) 945 kmph
- d) 1045 kmph

68. Which of the following statement is correct?

1) The Earth rotates from west to east (anticlockwise) and takes 23 hours 56 minutes and 4.09 seconds to complete one rotation.

2) The time taken by the Earth to complete one rotation is called a day.

- a) 1 alone
- b) 2 alone

c) 1, 2

d) None

69. The Midnight Sun is a natural phenomenon that occurs in \_\_\_\_\_

- a) north of the Arctic Circle
- b) south of the Antarctic Circle
- c) Greenwich
- d) Both a and b

70. Which of the following statement is correct?

1) The illuminated portion of the Earth experiences day

2) The line which divides the surface of the Earth into a lighted half and a dark half is called the Terminator Line.

- a) 1 alone
- b) 2 alone
- c) 1, 2
- d) None

71. The Northern Hemisphere is inclined towards the Sun for six months \_\_\_\_\_

- a) from 21st March to 23rd September
- b) from 1st March to 23rd September
- c) from 21st March to 3rd September
- d) from 21st March to 23rd July

72. Which of the following statement is incorrect?

1) From Sep 23rd to March 21st the Northern hemisphere is inclined towards the Sun and the southern hemisphere faces away from the Sun.

2) The southern Hemisphere is inclined towards the Sun for six months from 21st March to 23rd September while the northern Hemisphere is tilted away from the Sun.

- a) 1 alone
- b) 2 alone
- c) 1, 2

d) None

73. Which of the following statement is correct?

1) Perihelion is the Earth's closest position to the Sun.

2) Aphelion is the farthest position of the Earth from the Sun.

a) 1 alone

b) 2 alone

c) 1, 2

d) None

74. Which of the following day is Equinoxes?

a) July 13

b) March 21

c) May 21

d) May 23

75. On which day Summer Solstice occur?

a) July 13

b) 21st June

c) 22nd December

d) 21st march

76. Which day is winter solstice?

a) July 13

b) November 26

c) December 22

d) December 1

77. The percentage of nitrogen in atmosphere is \_\_\_\_\_

a) 68%

b) 78%

c) 88%

d) 98%

78. The Gulf of Mannar Biosphere Reserve in the Indian Ocean covers an area of \_\_\_\_\_

a) 1000 sq.km

b) 10,500 sq.km

c) 9500 sq.km

d) 7550 sq.km

79. The term Bio is derived from \_\_\_\_\_

a) Greek

b) Roman

c) Italic

d) Sanskrit

80. The soil and rocks are covered in \_\_\_\_\_

a) Lithosphere

b) Hydrosphere

c) Atmosphere

d) Biosphere