

SCIENCE OLYMPIAD : THE UNIVERSE
SAMPLE PAPER FOR GRADE 1 – GRADE 2

1. What are seasons?
 - A) Different types of plants
 - B) Different times of the year with distinct weather patterns and temperatures
 - C) Different types of animals
 - D) None of these

2. How many seasons are there in a year?
 - A) Two
 - B) Three
 - C) Four
 - D) Five

3. Which season comes after winter?
 - A) Autumn (fall)
 - B) Spring
 - C) Summer
 - D) None of the above

4. What is summer known for?
 - A) Hot weather, sunshine, and outdoor activities
 - B) Snow and cold temperatures
 - C) Colorful leaves and cooler weather
 - D) Blooming flowers and longer days

5. What season do we celebrate Christmas in?
 - A) Winter
 - B) Spring
 - C) Summer
 - D) Autumn (fall)

6. What season comes before winter?
 - A) Autumn (fall)
 - B) Spring
 - C) Summer

D) None of the above

7. What season do we see cherry blossoms blooming?

- A) Summer
- B) Autumn (fall)
- C) Spring
- D) Winter

8. What season do we have the most rain?

- A) Summer
- B) Winter
- C) Spring
- D) Autumn (fall)

9. What season do we have the most snow?

- A) Spring
- B) Summer
- C) Winter
- D) Autumn (fall)

10. What season do we celebrate Halloween in?

- A) Winter
- B) Spring
- C) Summer
- D) Autumn (fall)

11. What happens to the moon during the night?

- A) It disappears
- B) It gets brighter
- C) It moves closer to the Earth
- D) It sets below the horizon

12. What happens to the sky during the day?

- A) It becomes dark
- B) It turns pink
- C) It turns blue
- D) It turns yellow

13. Which of the following is NOT part of the universe?

- A) Sun
- B) Moon
- C) Trees
- D) Stars

14. What is the Earth?

- A) A star
- B) A planet
- C) A moon
- D) A galaxy

15. Which of the following is the closest star to Earth?

- A) Sun
- B) Moon
- C) Mars
- D) Venus

16. What is the Sun?

- A) A planet
- B) A moon
- C) A star
- D) A comet

17. What is the name of the galaxy that the Earth is in?

- A) Milky Way
- B) Andromeda
- C) Solar System
- D) Orion

18. What is the name of the natural satellite that orbits the Earth?

- A) Mars
- B) Sun
- C) Moon
- D) Venus

19. Which of the following is NOT a planet in our solar system?

- A) Mars
- B) Jupiter
- C) Moon
- D) Saturn

20. What is the name of the planet known as the Red Planet?

- A) Earth
- B) Mars
- C) Jupiter
- D) Saturn

21. What is the name of the largest planet in our solar system?

- A) Earth
- B) Mars
- C) Jupiter
- D) Saturn

22. What is the name of the planet known for its beautiful rings?

- A) Earth
- B) Mars
- C) Jupiter
- D) Saturn

23. What are the different shapes of the moon called?

- A) Stars
- B) Phases
- C) Planets
- D) Comets

24. How many main phases does the moon have?

- A) 3
- B) 4
- C) 6
- D) 8

25. What is the phase of the moon when it is completely dark?

- A) Full moon
- B) New moon
- C) First quarter moon
- D) Last quarter moon

26. What phase of the moon comes after the new moon?

- A) Full moon
- B) New moon
- C) First quarter moon
- D) Last quarter moon

27. What phase of the moon comes after the first quarter moon?

- A) Full moon
- B) New moon
- C) First quarter moon
- D) Last quarter moon

28. What phase of the moon comes after the full moon?

- A) Full moon
- B) New moon
- C) First quarter moon
- D) Last quarter moon

29. What causes the different phases of the moon?

- A) Earth's rotation
- B) Earth's orbit around the sun
- C) Moon's rotation
- D) Moon's orbit around Earth

30. How long does it take for the moon to go through all its phases?

- A) 7 days
- B) 14 days
- C) 28 days
- D) 365 days

31. Which of the following happens during the day?

- A) The sun rises
- B) The moon rises
- C) The stars shine brightly
- D) The sky turns dark

32. Which of the following happens during the night?

- A) The sun rises
- B) The moon rises
- C) The stars shine brightly
- D) The sky turns dark

33. What happens to the sun during the night?

- A) It disappears
- B) It gets brighter
- C) It moves closer to the Earth

D) It sets below the horizon

34. What happens to the sun during the day?

- A) It disappears
- B) It gets brighter
- C) It moves closer to the Earth
- D) It sets below the horizon

35. What happens to the stars during the day?

- A) They disappear
- B) They become brighter
- C) They move closer to the Earth
- D) They set below the horizon

36. What happens to the moon during the day?

- A) It disappears
- B) It gets brighter
- C) It moves closer to the Earth
- D) It sets below the horizon

37. What is the name of the planet known as the Ice Giant?

- A) Uranus
- B) Jupiter
- C) Neptune
- D) Saturn

38. What is the name of the planet known as the Blue Planet?

- A) Uranus
- B) Earth
- C) Neptune
- D) Venus

39. What is the name of the planet known as the Gas Giant?

- A) Uranus
- B) Earth
- C) Neptune
- D) Jupiter

40. What is the name of the smallest planet in our solar system?

- A) Uranus

- B) Earth
- C) Mercury
- D) Venus

41. What is the name of the natural satellite that orbits Mars?

- A) Moon
- B) Titan
- C) Deimos
- D) Phobos

42. What is the name of the natural satellite that orbits Saturn?

- A) Moon
- B) Titan
- C) Deimos
- D) Enceladus

43. What is the name of the natural satellite that orbits Jupiter?

- A) Moon
- B) Titan
- C) Europa
- D) Triton

44. What is the name of the natural satellite that orbits Uranus?

- A) Moon
- B) Titan
- C) Miranda
- D) Callisto

45. What is the name of the natural satellite that orbits Neptune?

- A) Moon
- B) Triton
- C) Miranda
- D) Ganymede

46. What is the name of the natural satellite that orbits Pluto?

- A) Moon
- B) Triton
- C) Charon
- D) Ganymede

47. What do we call the time halfway between sunrise and sunset?

- A) Sunset
- B) Sunrise
- C) Midday
- D) Midnight

48. What do we call the time halfway between sunset and sunrise?

- A) Sunset
- B) Sunrise
- C) Midday
- D) Midnight

49. What happens when the Earth rotates away from the sun?

- A) It becomes daytime
- B) It becomes nighttime
- C) It starts to rain
- D) It gets colder

50. What happens when the Earth rotates towards the sun?

- A) It becomes daytime
- B) It becomes nighttime
- C) It starts to rain
- D) It gets colder

51. What time of the day do we have lunch?

- A) Sunset
- B) Sunrise
- C) Midday
- D) Midnight

52. What time of the day do we have dinner?

- A) Sunset
- B) Sunrise
- C) Midday
- D) Midnight

53. What time of the day do we wake up?

- A) Sunset
- B) Sunrise
- C) Midday

D) Midnight

54. What time of the day do we go to bed?

- A) Sunset
- B) Sunrise
- C) Midday
- D) Midnight

55. What happens to the sky during sunrise?

- A) It becomes dark
- B) It turns pink and orange
- C) It turns blue
- D) It turns yellow

56. What happens to the sky during sunset?

- A) It becomes dark
- B) It turns pink and orange
- C) It turns blue
- D) It turns yellow

57. What time of the day do we see shadows?

- A) During sunrise
- B) During midday
- C) During sunset
- D) During midnight

58. What is the name of the galaxy that the Earth is in?

- A) Milky Way
- B) Andromeda
- C) Solar System
- D) Orion

59. What is the name of the natural satellite that orbits the Earth?

- A) Mars
- B) Sun
- C) Moon
- D) Venus

60. Which of the following is NOT a planet in our solar system?

- A) Mars

- B) Jupiter
- C) Moon
- D) Saturn