

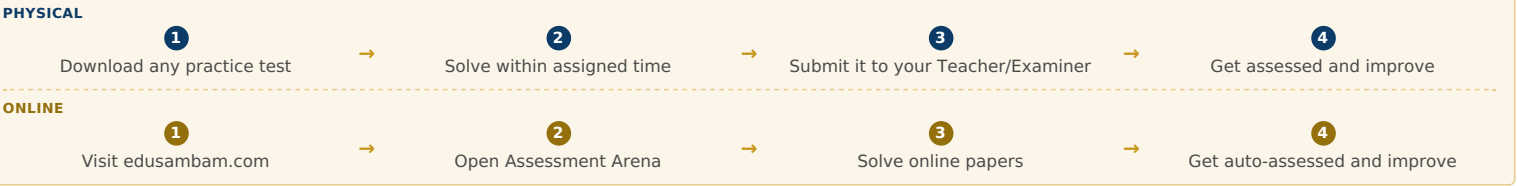
EDUSAMBAM ASSESSMENT SERIES

The Solar System & The Water Cycle

PRINTABLE PRACTICE WORKSHEET

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YOUR PHYSICAL & ONLINE SELF-ASSESSMENT ROADMAP



Candidate Name:		Roll No.:	
Class / Grade:		Date:	
School / Institution:		Test Centre:	

Subject	General Knowledge	Topic	The Solar System & The Water Cycle	Total Marks	100
Total Questions	45	Time Allowed	1 Hour (60 minutes)	Version	A

GENERAL INSTRUCTIONS

1. Read each question carefully before answering.
2. For Section A and Section B, mark one answer only.
3. For Sections C and E, write your answer clearly in the space provided.
4. For Section D, write the correct letter from Column B against each item in Column A.
5. Do not use correction fluid. Keep all answers clear and legible.
6. This worksheet is prepared from the EDUSAMBAM practice assessment supplied for this paper.

PAPER PATTERN

Section	Questions	Marks Each	Total
Section A — Multiple Choice	15	2	30
Section B — True / False	10	2	20
Section C — Fill in the Blank	10	2	20
Section D — Column Matching	5 pairs	2	10
Section E — Short Answer	5	4	20
Total	45	—	100

Section A — Multiple Choice

30 marks

1. How many planets are in our solar system?

A. 7

B. 9

C. 8

D. 10

Answer: ☐A ☐B ☐C ☐D

Basic • 2 pts

2. Which is the largest planet in the solar system?

A. Saturn

B. Jupiter

C. Neptune

D. Earth

Answer: ☐A ☐B ☐C ☐D

Basic • 2 pts

3. Which is the smallest planet in the solar system?

A. Mercury

B. Mars

C. Venus

D. Pluto

Answer: ☐A ☐B ☐C ☐D

Basic • 2 pts

4. What is Earth's only natural satellite?

A. Titan

B. The Moon

C. Phobos

D. Europa

Answer: ☐A ☐B ☐C ☐D

Basic • 2 pts

5. Which planet is known for its prominent ring system?

A. Mars

B. Venus

C. Neptune

D. Saturn

Answer: ☐A ☐B ☐C ☐D

Intermediate • 2 pts

6. What lies between the orbits of Mars and Jupiter? A. The Kuiper Belt C. The asteroid belt Answer: ☐ A ☐ B ☐ C ☐ D	B. The Oort Cloud D. The Milky Way	Intermediate • 2 pts
7. What was Pluto reclassified as in 2006? A. A moon C. A comet Answer: ☐ A ☐ B ☐ C ☐ D	B. A dwarf planet D. An asteroid	Intermediate • 2 pts
8. What is the Sun? A. A star C. A moon Answer: ☐ A ☐ B ☐ C ☐ D	B. A planet D. A comet	Intermediate • 2 pts
9. What is the process by which water changes from liquid to vapor called? A. Condensation C. Precipitation Answer: ☐ A ☐ B ☐ C ☐ D	B. Evaporation D. Infiltration	Intermediate • 2 pts
10. What is the process by which water vapor turns into clouds called? A. Condensation C. Transpiration Answer: ☐ A ☐ B ☐ C ☐ D	B. Evaporation D. Runoff	Intermediate • 2 pts
11. What is water falling from clouds as rain, snow, or hail called? A. Evaporation C. Precipitation Answer: ☐ A ☐ B ☐ C ☐ D	B. Condensation D. Collection	Intermediate • 2 pts
12. Roughly what percentage of Earth's water is found in oceans? A. 50% C. 75% Answer: ☐ A ☐ B ☐ C ☐ D	B. 97% D. 25%	Advanced • 2 pts
13. What is the process by which plants release water vapor called? A. Precipitation C. Collection Answer: ☐ A ☐ B ☐ C ☐ D	B. Condensation D. Transpiration	Advanced • 2 pts
14. Which of these are classified as terrestrial (rocky) planets? A. Mercury, Venus, Earth, Mars C. Earth, Jupiter, Saturn, Mars Answer: ☐ A ☐ B ☐ C ☐ D	B. Jupiter, Saturn, Uranus, Neptune D. Mercury, Jupiter, Neptune, Pluto	Advanced • 2 pts
15. Where is most of Earth's freshwater stored? A. Rivers C. Lakes Answer: ☐ A ☐ B ☐ C ☐ D	B. Ice caps and glaciers D. The atmosphere	Advanced • 2 pts

Section B — True / False

20 marks

16. Jupiter is the largest planet in the solar system. A. True ☐ B. False ☐	Basic • 2 pts
17. Mercury is the closest planet to the Sun. A. True ☐ B. False ☐	Basic • 2 pts
18. The Moon produces its own light. A. True ☐ B. False ☐	Basic • 2 pts
19. Evaporation is part of the water cycle. A. True ☐ B. False ☐	Basic • 2 pts
20. Condensation is the process of water vapor turning into liquid droplets. A. True ☐ B. False ☐	Intermediate • 2 pts
21. Groundwater is stored underground in aquifers. A. True ☐ B. False ☐	Intermediate • 2 pts

22. Uranus and Neptune are classified as gas giants, just like Jupiter and Saturn.
A. True ☐ **B.** False ☐

23. The asteroid belt lies between Earth and Mars.
A. True ☐ **B.** False ☐

24. Precipitation includes rain, snow, sleet, and hail.
A. True ☐ **B.** False ☐

25. Saturn's rings are one of the most recognisable features in the solar system.
A. True ☐ **B.** False ☐

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Section C — Fill in the Blank

20 marks

26. The planet closest to the Sun is _____.
Answer: _____

27. Water gathers in oceans, rivers, and lakes during the _____ stage of the water cycle.
Answer: _____

28. The layer of rocky debris between Mars and Jupiter is called the _____.
Answer: _____

29. Jupiter and Saturn are known as the _____ giants.
Answer: _____

30. Uranus and Neptune are known as the _____ giants.
Answer: _____

31. Pluto was reclassified as a dwarf planet by the _____ in 2006.
Answer: _____

32. Water moves from liquid to vapor through a process called _____, powered by heat from the Sun.
Answer: _____

33. The scientific body that officially defines what counts as a "planet" is the _____.
Answer: _____

34. Approximately _____% of Earth's water is saltwater found in oceans.
Answer: _____

35. Water that seeps into the ground and is stored underground is called _____.
Answer: _____

Basic · 2 pts

Basic · 2 pts

Basic · 2 pts

Basic · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Intermediate · 2 pts

Section D — Column Matching

10 marks

36-40. Match each term to its correct definition.

Column A	Answer	Column B
Mercury	_____	A. Largest Planet
Jupiter	_____	B. Prominent Ring System
Saturn	_____	C. Home to Life
Earth	_____	D. Farthest Ice Giant from the Sun
Neptune	_____	E. Smallest Planet

Section E — Short Answer

20 marks

41. Why is the Moon important to Earth (e.g., its effect on tides)?

42. Briefly explain the four main stages of the water cycle.

Advanced · 4 pts

Advanced · 4 pts

43. Why do gas giants like Jupiter and Saturn not have solid surfaces like Earth?

Advanced · 4 pts

44. Why is Pluto no longer classified as a full planet?

Advanced · 4 pts

45. Explain briefly why most of Earth's freshwater is not easily accessible for human use.

Advanced · 4 pts

Candidate Signature: _____ **Invigilator Signature:** _____

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Marks Obtained: _____ / 100

Checked By: _____

Result / Grade: _____

Date Checked: _____

EDUSAMBAM ASSESSMENT SERIES

The Solar System & The Water Cycle — Answer Key

Teacher reference: equivalent grammatically correct wording is acceptable for open-ended items when the meaning is preserved.

Section A — Multiple Choice

1. C

2. B

3. A

4. B

5. D

6. C

7. B

8. A
9. B

10. A

11. C

12. B

13. D

14. A

15. B

Section B — True / False

16. True

17. True

18. False

19. True

20. True
21. True

22. False

23. False

24. True

25. True

Section C — Fill in the Blank

26. mercury

27. collection

28. asteroid belt

29. gas

30. ice
31. international astronomical union

32. evaporation

33. international astronomical union

34. 97

35. groundwater

Section D — Column Matching

36. Mercury — E

37. Jupiter — A

38. Saturn — B
39. Earth — C

40. Neptune — D

Section E — Short Answer (Model Answers)

41. tides; gravitational pull; axial tilt; stabilizes

42. evaporation; condensation; precipitation; collection

43. hydrogen; helium; gas; no solid surface

44. definition; cleared its orbit; debris; iau

45. ice caps; glaciers; underground; locked away