

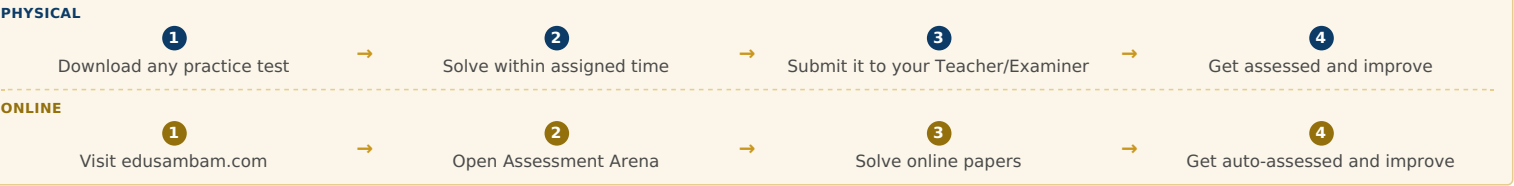
EDUSAMBAM ASSESSMENT SERIES

Parts of a Computer

PRINTABLE PRACTICE WORKSHEET

EDUSAMBAM, working on building your Foundational Concepts. Visit edusambam.com for Auto-graded Self-assessment Experience.

YOUR PHYSICAL & ONLINE SELF-ASSESSMENT ROADMAP



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

Subject	Computer Fundamentals	Topic	Parts of a Computer	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. What do we call the parts of a computer you can physically touch?

Basic • 2 pts

A. Software

B. Hardware

C. Firmware only

D. Bandwidth

Answer: ☐A ☐B ☐C ☐D

2. Which part shows pictures and video, letting you see the computer's output?

Basic • 2 pts

A. Keyboard

B. Mouse

C. Monitor

D. Microphone

Answer: ☐A ☐B ☐C ☐D

3. What does CPU stand for?

Basic • 2 pts

A. Computer Print Unit

B. Central Power Unit

C. Central Processing Unit

D. Core Programming Unit

Answer: ☐A ☐B ☐C ☐D

4. An input device sends information...

Basic • 2 pts

A. Nowhere

B. Only to a printer

C. Out of the computer

D. Into the computer

Answer: ☐A ☐B ☐C ☐D

5. Which of these is an output device?

Intermediate • 2 pts

A. Mouse

B. Speaker

C. Microphone

D. Keyboard

Answer: ☐A ☐B ☐C ☐D

6. Which part keeps your files safe even after the computer is turned off?

A. RAM

B. Storage (hard drive/SSD)

C. Speaker

D. Cache

Answer: ☐A ☐B ☐C ☐D

7. What job does the CPU do?

A. It thinks and decides what to do next, like a brain

B. It plays music only

C. It prints paper

D. It cleans the screen

Answer: ☐A ☐B ☐C ☐D

8. Which computer folds up with everything built in, so you can carry it anywhere?

A. Desktop computer

B. Server

C. Printer

D. Laptop

Answer: ☐A ☐B ☐C ☐D

9. What does the motherboard do?

A. Cools the CPU

B. Connects nearly every other part together

C. Stores files permanently

D. Connects to Wi-Fi only

Answer: ☐A ☐B ☐C ☐D

10. A CPU's clock speed is measured in which unit?

A. Volts

B. Bytes

C. Pixels

D. Gigahertz (GHz)

Answer: ☐A ☐B ☐C ☐D

11. Which chip is specially built to handle graphics and video?

A. ROM

B. GPU

C. RAM

D. USB

Answer: ☐A ☐B ☐C ☐D

12. Which port carries both video and audio to a monitor or TV?

A. HDMI

B. Headphone jack

C. Ethernet

D. USB only

Answer: ☐A ☐B ☐C ☐D

13. A server is usually built to...

A. Print documents only

B. Serve information to many other computers at once

C. Play music only

D. Scan paper documents

Answer: ☐A ☐B ☐C ☐D

14. Which sensor lets a screen rotate automatically when you tilt a device?

A. Fingerprint sensor

B. Accelerometer

C. GPS receiver

D. Ambient light sensor

Answer: ☐A ☐B ☐C ☐D

15. Which of these is an embedded computer, not a general-purpose one?

A. A laptop

B. A desktop computer

C. A tablet

D. The chip controlling a washing machine's spin cycle

Answer: ☐A ☐B ☐C ☐D

Section B — True / False

20 marks

16. A keyboard is an output device.

A. True ☐

B. False ☐

17. The CPU is often called the "brain" of the computer.

A. True ☐

B. False ☐

18. RAM keeps all its data even when the power is turned off.

A. True ☐

B. False ☐

19. An SSD has a spinning disk with moving mechanical parts.

A. True ☐

B. False ☐

20. The motherboard connects nearly every other part of the computer together.

A. True ☐

B. False ☐

21. A GPU is specially built to handle graphics and video processing.

A. True ☐

B. False ☐

22. The BIOS/UEFI runs after the operating system has already loaded.
A. True ☐ **B.** False ☐

23. Binary only ever uses the digits 0 and 1.
A. True ☐ **B.** False ☐

24. A laptop and a desktop computer contain completely different basic parts.
A. True ☐ **B.** False ☐

25. The embedded computer inside a washing machine has its own keyboard and monitor.
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 _____ is the large circuit board inside the case that every other part plugs into.
Answer: _____

27. The electrical pathways printed on the motherboard that carry data between parts are called _____.
Answer: _____

28. Small, ultra-fast memory located right next to the CPU's cores is called _____.
Answer: _____

29. Memory that keeps its instructions even without power is called _____.
Answer: _____

30. A storage drive with no moving parts, generally faster than a traditional hard disk, is called an _____.
Answer: _____

31. The _____ port is a flexible, all-purpose port used for keyboards, mice, and storage drives.
Answer: _____

32. The device in your home that directs internet traffic to every connected device is called a _____.
Answer: _____

33. The sensor that detects movement and tilt so a screen can rotate automatically is called a(n) _____.
Answer: _____

34. The small built-in program that checks a computer's parts before the operating system loads is called the _____.
Answer: _____

35. A single 1 or 0 in binary is called a _____.
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
CPU	_____	A. Handles graphics and video processing
GPU	_____	B. Fast memory that forgets everything when power turns off
RAM	_____	C. Storage with no moving parts, faster than a hard disk
SSD	_____	D. Wakes the computer up and checks its parts before the OS loads
BIOS / UEFI	_____	E. The computer's brain that processes instructions

Section E — Short Answer

20 marks

41. Explain in one sentence why an SSD is generally faster than a traditional hard disk drive (HDD).

42. What is the key difference between RAM and ROM?

Advanced • 4 pts

Advanced • 4 pts

43. Name at least one component that needs active cooling because it generates significant heat.

Advanced · 4 pts

44. Write out in full what the acronym CPU stands for.

Advanced · 4 pts

45. Give one example of an embedded computer and the everyday object it's built into.

Advanced · 4 pts

Candidate Signature: _____ Invigilator Signature: _____

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Marks Obtained: _____ / 100

Checked By: _____

Result / Grade: _____

Date Checked: _____

EDUSAMBAM ASSESSMENT SERIES

Parts of a Computer — Answer Key

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

Section A — Multiple Choice

1. B

2. C

3. C

4. D

5. B

6. B

7. A

8. D
9. B

10. D

11. B

12. A

13. B

14. B

15. D

Section B — True / False

16. False

17. True

18. False

19. False

20. True
21. True

22. False

23. True

24. False

25. False

Section C — Fill in the Blank

26. motherboard

27. buses

28. cache

29. rom

30. ssd
31. usb

32. router

33. accelerometer

34. bios

35. bit

Section D — Column Matching

36. CPU — E

37. GPU — A

38. RAM — B
39. SSD — C

40. BIOS / UEFI — D

Section E — Short Answer (Model Answers)

41. no moving parts; moving parts; solid state; chips instead of a disk; no spinning disk

42. volatile; loses; turns off; power off; permanent; read only; read-only; keeps instructions; without power

43. cpu; gpu; central processing unit; graphics processing unit; processor

44. central processing unit

45. car; thermostat; smartwatch; washing machine; watch; appliance; fridge; microwave