

This Question Paper consists of **24** questions and **4** printed pages.

Roll No.

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Code No. **64/ACV/O**

Set -

A

COMPUTER HARDWARE ASSEMBLY & MAINTENANCE (663)

Day and Date of Examination _____

Signature of Invigilators 1. _____

2. _____

General Instructions :

1. Candidate must write his/her Roll Number on the first page of the Question Paper.
2. Please check the Question Paper to verify that the total pages and total number of questions contained in the question paper are the same as those printed on the top of the first page. Also check to see that the questions are in sequential order.
3. For the objective type of questions, you have to choose any one of the four alternatives given in the question, i.e., (A), (B), (C) or (D) and indicate your correct answer in the answer-book given to you.
4. Making any identification mark in the answer-book or writing Roll Number anywhere other than the specified places will lead to disqualification of the candidate.
5. Answers for all questions, including matching, true or false, fill in the blanks, etc., are to be given in the answer-book only.
6. Write your Question Paper Code No. **64/ACV/O**, Set

A

 on the answer-book.

COMPUTER HARDWARE ASSEMBLY & MAINTENANCE
(663)

Time allowed : $1\frac{1}{2}$ Hours]

[Maximum Marks : 30

Note : *All questions are **compulsory** and carry marks as indicated against each question.*

Choose the correct option for questions no. 1 to 8.

$$\frac{1}{2} \times 8 = 4$$

1. Which of the following is **not** an example of Fourth generation computers ?
 - (A) DEC 10
 - (B) PDP 11
 - (C) CRAY-1
 - (D) IBM-360 Series

2. Which of the following is **not** an example of display adaptor card ?
 - (A) EGA
 - (B) NIC
 - (C) VGA
 - (D) SVGA

3. The main circuit board in which all the components of a computer are attached is called
 - (A) RAM
 - (B) HDD
 - (C) Motherboard
 - (D) SATA Cables

4. Which of the following is **not** a file system in UNIX ?
- (A) Ext 4
 - (B) Ext 3
 - (C) NTFS
 - (D) Swap
5. Which of the following devices connects two dissimilar networks ?
- (A) Router
 - (B) Gateway
 - (C) Bridge
 - (D) Modem
6. Which of the following analysis tools provides information about the systems network connections while configuring LINUX system for networking ?
- (A) netstat
 - (B) traceroute
 - (C) nslookup
 - (D) arp
7. What of the following is **not** so important to achieve productivity and quality in an organization ?
- (A) Identify the customer's requirements and available resources
 - (B) Accurately assess the customer problem and suggest solutions
 - (C) Regularly taking the customer to lunch or dinner for networking
 - (D) Gauge customer satisfaction during service visits
8. Which of the following is very important for good coordination with supervisor ?
- (A) Understanding the compensation policy of company
 - (B) Deliver work of expected quality despite constraints
 - (C) Assist colleagues with resolving problems
 - (D) Follow company policy for cross-functional interactions

9. Give names of any two computers which fall in the category of microcomputers. 1
10. Differentiate between system software and application software. 1
11. What is the function of CMOS ? 1
12. Why is it important to use your anti-static wrist strap while assembling a computer ? 1
13. Why are heat sinks mounted on the processors ? 1
14. What is BIOS attack ? 1
15. Give one way in which NTFS is refined as compared to FAT. 1
16. Name the places where the cooling fans are installed in computers' cabinet. 1
17. State the purpose of *tcpdump* network configuration tool available on Linux operating system. 1
18. What is grid with reference to grid computing ? 1
19. Convert $(853)_{10}$ to its Hexadecimal equivalent. 2
20. What is the difference between warm and cold booting ? 2
21. Give two advantages of fiber optic cables over coaxial or twisted pair cable. 2
22. What is "404" / "Page Not Found" error and how can you solve it ? 2
23. Kishan has opened his own shop where he assembles computers for his customers. A customer asks Kishan to procure all the parts for a personal computer and assemble it for him. List down the steps that must be followed by Kishan to assemble the PC. 4
24. Write down steps to configure Outlook Express for E-Mail Accounts. 4