Online Assessment (Even Sem/Part-I/Part-II Examinations 2019 - 2020

Course Name - Hardware & Operating Systems II
Course Code - BNCSC202

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Answer all the questions. Each question carry one mark.

9.   1. What is the full form of CPU?

Mark only one oval.

◯ Central Priority Unit.

◯ Central Processing Unit.

◯ Central Process Unique.

◯ Central Purpose Unit.

10.   2. What is the full form of MCH?

Mark only one oval.

◯ Memory Central Hub.

◯ Memory Controller Hotspot.

◯ Memory Controller Hub.

◯ Mother controller Hub.

11.   3. What function does the external data bus have in the PC?

Mark only one oval.

○ The external data bus determines the clock speed for the CPU.

○ The CPU uses the external data bus to address RAM.

○ The external data bus provides a channel for the flow of data and commands between the CPU and RAM.

○ The CPU uses the external data bus to access registers.

12.   4. Into which socket could you place an Intel Core i5?

Mark only one oval.

○ Socket LGA 775.

○ Socket LGA 1155.

○ Socket C.

○ Socket AM2+.

13.   5. Which of the following form factors dominates the PC industry?

Mark only one oval.

○ AT.

○ ATX.

○ ITX.

○ CTX.

14.   6. When Jane proudly displayed her new motherboard, the senior tech scratched his beard and asked, "What kind of ICH does it have?" What could he possibly be asking about?

Mark only one oval.

( ) The AMR slot.

( ) The CNR slot.

( ) The Northbridge.

( ) The Southbridge.

15.   7. Which of the following connector types can be used for connecting keyboards and mouse to a PC?

Mark only one oval.

( ) PS/2.

( ) S/PDIF.

( ) PCIe 6/8-pin.

( ) DB-9.

16.   8. Which of the following connectors is used for musical equipment?

Mark only one oval.

( ) PS/2.

( ) MIDI.

( ) DVI.

( ) HDMI.

17. 9. Which port is typically known as a serial port?

Mark only one oval.

○ DVI.

○ COM1.

○ LPT.

○ SCSI.

18. 10. When choosing a new motherboard, what should be your first consideration?

Mark only one oval.

○ Form Factor.

○ Desired CPU.

○ Price.

○ Feature Set.

19. 11. Where do you connect an anti-static wrist strap?

Mark only one oval.

○ To an anti-static plate on the computer.

○ To an electrical outlet.

○ To a handy metal part of the case.

○ To a non-static wrist strap.

20. 12. A 15 pin, three-row, the female connector on the back of a PC would be used for?

Mark only one oval.

⬭ VGA / SVGA Port.

⬭ Serial Port.

⬭ Parallel Port.

⬭ HDMI Port.

21. 13. What does PIO stand for?

Mark only one oval.

⬭ Programmed Internal Output.

⬭ Programable Input Operations.

⬭ Programmed Input/Output.

⬭ Programmed Internal Operation.

22. 14. What voltages does an ATX12V P1 connector provide for the motherboard?

Mark only one oval.

⬭ 3.3 V, 5 V.

⬭ 3.3 V, 12 V.

⬭ 5 V, 12 V.

⬭ 3.3 V, 5 V, 12 V.

23. 15. Joachim ordered a new power supply but was surprised when it arrived because it had an extra 4-wire connector. What is that connector?

Mark only one oval.

- P2 connector for plugging in auxiliary components.
- P3 connector for plugging in case fans.
- P4 connector for plugging into modern motherboards.
- Aux connector for plugging into a secondary power supply.

24. 16. How can you reduce the chance of ESD?

Mark only one oval.

- Raise the temperature.
- Lower the humidity.
- Work in a carpeted area.
- Use an anti static strap.

25. 17. Which of the following component is not tested by POST?

Mark only one oval.

- BIOS.
- Motherboard.
- System RAM.
- Power supply.

26.   18. A Power Supply is rated in?

Mark only one oval.

○ Watts.

○ Coulmbs.

○ Ampere.

○ Volts.

27.   19. What is the proper order of the laser printing process?

Mark only one oval.

○ Process, clean, charge, expose, develop, transfer, and fuse.

○ Process, charge, expose, develop, transfer, fuse, and clean.

○ Clean, expose, develop, transfer, process, fuse, and charge.

○ Clean, charge, expose, process, develop, fuse, and transfer.

28.   20. On a laser printer, the primary corona does what?

Mark only one oval.

○ Places a uniform negative charge on the photosensitive drum.

○ Clean the Photosensitive Drum.

○ Scan the image.

○ Dispense the toner.

29.　21. What must never be connected to the same UPS the PC is using?

Mark only one oval.

◯ Laser printer.

◯ System unit.

◯ Monitor.

◯ Keyboard.

30.　22. What type of printer is most likely to use a continuous form feeder?

Mark only one oval.

◯ Laser printer

◯ Dot-matrix

◯ None of these

◯ All of these

31.　23. Why is the print drum given a negative charge?

Mark only one oval.

◯ To attract the toner to every area of the drum.

◯ To attract the toner to the areas of the drum that have a stronger negative charge.

◯ To attract the toner to the areas of the drum that have a weaker negative charge.

◯ To attract the positively charged paper to the print drum.

32.   24. What is the fuser roller coated with?

Mark only one oval.

○ Teflon.

○ Aluminum.

○ Ink.

○ Rubber.

33.   25. A label with the term "WARNING!" on it means what?

Mark only one oval.

○ A software malfunction.

○ A fire alarm.

○ A Potential for personal injury.

○ A Potential for Hardware malfunction.

34.   26. What is the full form of TFT?

Mark only one oval.

○ Thin Film Transistor.

○ Three Film Transistor.

○ Thin Film Triode.

○ Thin Flame Transistor.

35. 27. We can align electron guns with the help of _____

Mark only one oval.

- ( ) shadow mask.
- ( ) resolution.
- ( ) pixel
- ( ) refresh.

36. 28. Video controller also feature their own built-in

Mark only one oval.

- ( ) RAM.
- ( ) SRAM.
- ( ) VRAM.
- ( ) DRAM.

37. 29. Which RAID type provides 100% fault tolerance?

Mark only one oval.

- ( ) RAID 0.
- ( ) RAID 1.
- ( ) RAID 2.
- ( ) RAID 3.

38. 30. Which RAID level provides dual distributed parity?

Mark only one oval.

○ RAID 6.

○ RAID 5.

○ RAID 3.

○ RAID 1.

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