

06:13 PM

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KANAKAPURA

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Question Paper

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Student Name: _____ Roll No: _____

1. How many pins are available in floppy drive power connector of SMPS?

- A) 24
B) 4
C) 15
D) 12

2. The input output system of computer which store the permanent information is called

- A) BIOS
B) Hard disk
C) CPU
D) RAM

3. An AC input section of SMPS used contains

- A) Diode
B) Line filter and Thermistor
C) Push pull converter
D) Output rectifier and Filter

4. What is the advantages of using SMPS?

- A) Multi tasking
B) Increase back up time
C) High efficiency
D) AC output

5. The controller section of SMPS consists of

- A) Push pull converter
B) Power good signal
C) Pulse width modulator circuit
D) Line filter

6. Which wire of SMPS is optional?

- A) Orange
B) Green
C) Red
D) White

7. Black wire of the SMPS is used for

- A) Power supply ON
B) To provide 12 VDC
C) Power good
D) Ground

8. What is the output voltage of the yellow wire of the 4 pin processor power connector?

- A) +3.3 VDC
B) +5 VDC
C) +4 VDC
D) +12 VDC

9. SMPS is housed in a metal box and generally consists?

- A) ROM
B) RAM
C) Electronic circuit board
D) HOD

10. At power supply does not generate ____ VDC

- A) 3.3 VDC
B) 12 VDC
C) "+5 VDC"
D) "-12 VDC"

11. What is the speed of PCI?

- A) 44 MHz
B) 33 MHz
C) 11 MHz
D) 22 MHz

12. Main circuit board of system unit is called

- A) Mother board
B) Computer program
C) RAM
D) Control unit

13. The number of bit transmitted through serial port at a time is

- A) 4 bits
B) 8 bits
C) 16 bits
D) 1 bits

14. SMPS provides power supply to computer system. It provides

- A) DC Input
B) High AC input
C) AC input
D) Limited AC input

15. What does the power good signal section of SMPS do?

- A) Check FAN
B) It check for the correct level of DC voltage
C) It checks for the AC voltage
D) Check transformer

16. The connector of SMPS which provide power supply to processor has no. of pins

- A) 6
B) 3
C) 4
D) 2

17. How many pins are available in molex type connector of SMPS?

- A) 8
B) 12
C) 4
D) 6

18. What is the output voltage of the orange wire of the SATA power connector?

- A) -3.3 VDC
- B) +5 VDC
- C) +12 VDC
- D) +3.3 VDC

19. How many pins are available in SATA power connector of SMPS?

- A) 12
- B) 4
- C) 15
- D) 24

20. Which wire of SMPS is used for power supply ON?

- A) Green
- B) Purple
- C) Red
- D) Blue

21. Lithium battery generate the voltage level

- A) 5V-9V
- B) 9V-12V
- C) 1.5V-3.7V
- D) 4V-7V

22. Function of BIOS is

- A) Defragment
- B) Process management
- C) POST
- D) Security