

BA PSYCHOLOGY
FOURTH SEMESTER (SPECIAL REPEAT)
COMPUTER FUNDAMENTALS
BPY-404

(Use separate answer scripts for Objective & Descriptive)

Duration : 3 hrs.

Full Marks : 70

[PART-A : Objective]

Time : 20 min.

Marks : 20

Choose the correct answer from the following:

1 × 20 = 20

- Which is an example of pointing device?
a. Mouse
b. Pointer
c. Cursor
d. HDMI port
- Which device containing sensors send signals to computer whenever light changes are detected?
a. Reflector
b. Deflector
c. Light pen
d. All of these
- Which system can read special characters printed in special ink?
a. Optical scanner
b. Magnetic Ink character recognition
c. QCR
d. OPR
- A term in computer terminology is a change in technology a computer is/was being used.
a. Development
b. Generation
c. Advancement
d. Growth
- _____ is an emerging branch in computer science, which interprets means and method of making computers think like human beings.
a. Block Chain
b. Virtual Reality
c. AI (Artificial Intelligence)
d. Cloud Computing
- This is a multiprocessing computer system that is smaller and slower than a mainframe
a. Super computer
b. Personal computer
c. Minicomputer
d. None of these
- The two kinds of main memory are:
a. Primary and secondary
b. Random and sequential
c. ROM and RAM
d. All of above
- _____ computers are lower to mainframe computers in terms of speed and storage capacity.
a. Mini
b. Super
c. Mainframes
d. Hybrid
- Line Printers that print one line at a time are _____
a. Laser Printers
b. Inkjet Printers
c. Drum Printers
d. Chain Printers

10. To advance to the next cell in a table press the _____ key.
- | | |
|----------|-----------|
| a. Enter | b. Tab |
| c. End | d. Insert |
11. Which of the following is used in main memory?
- | | |
|---------|---------|
| a. SRAM | b. DRAM |
| c. PRAM | d. DDR |
12. The 'heart' of the processor which performs many different operations _____
- | | |
|------------------------------|----------------|
| a. Arithmetic and logic unit | b. Motherboard |
| c. Control Unit | d. None |
13. The sign magnitude representation of -1 is _____
- | | |
|---------|---------|
| a. 0001 | b. 1110 |
| c. 1000 | d. 1001 |
14. The ability to combine name and addresses with a standard document is called _____
- | | |
|------------------------|------------------------|
| a. document formatting | b. database management |
| c. mail merge | d. form letters |
15. A character that is raised and smaller above the baseline is known as
- | | |
|----------------|--------------|
| a. Outlined | b. Raised |
| c. superscript | d. subscript |
16. An operating system is a program or a group of programs that
- | | |
|---|--|
| a. Helps in checking the spelling of Word | b. Maintain the relationship in Database |
| c. Manages the resources of the Computer | d. Performs the calculations of cells in Excel |
17. Which button do you click to add up a series of numbers?
- | | |
|--------------------------|-----------------------|
| a. The autosum button | b. The Formula button |
| c. The quicktotal button | d. The total button |
18. The acronym of ENIAC stands for
- | | |
|---|---|
| a. Electrical Neon Infuser And Calculator | b. Electronic Numerical Integrator And Computer |
| c. Eulogistic Nuisance In A Cart | d. Electronic Numerical Integrator And Calculator |
19. Lightpen is frequently used in.....
- | | |
|--------------------------|--------------------|
| a. Computer Aided Design | b. Word Processing |
| c. Presentation | d. Spreadsheet |
20. _____ are added to grab the audience's attention as well as reinforce the point that needs to be highlighted.
- | | |
|---------------------|----------------------|
| a. Animation effect | b. Transition effect |
| c. Screen views | d. Pack and go |

(PART-B : Descriptive)

Time : 2 hrs. 40 min.

Marks : 50

[Answer question no.1 & any four (4) from the rest]

1. Write about different input and output devices. 10
2. Write about the 10 different functions in MS Excel. 10
3. What are the advantages of MS PowerPoint? Describe the process of mail merge in MS Word. 5+5=10
4. Find the answer for the following 2x5=10
 - a. $(345.65)_8 = (\dots\dots\dots)_{10}$
 - b. $(657.90)_{10} = (\dots\dots\dots)_{16}$
 - c. 10111×11101
 - d. $10001001 / 101$
 - e. $1000001 - 100111$
5. What is computer? Explain the basic parts of a computer with block diagram. 10
6. What is software? Classify the software. Describe the generation of computer languages. 5+5=10
7. Describe the classifications of computer. Write about 2nd, 3rd and 5th generation computer 5+5=10
8. Write short notes on any four: 4x2.5=10
 - a) Compiler
 - b) MICR & OMR
 - c) Computer memory
 - d) Application Software
 - e) Machine language
 - f) Number system

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