

Total No. of Questions : 5]

SEAT No. :

PD2897

[Total No. of Pages : 2

[6433]-1001

F.Y. M.B.A. (IT)

FIT-501-MJ-101 GC-01: FUNDAMENTALS OF INFORMATION

TECHNOLOGY

(2024 Credit Pattern) (Semester - I)

Time : 2½ Hours]

[Max. Marks : 50

Instructions to the candidates:

- 1) All Questions are compulsory.
- 2) Each Question having 10 marks.
- 3) Figures to the right indicate marks for individual questions.

Q1) Give the answers in short (Solve any 5)

[5×2=10]

- a) List the types of networks.
- b) Define the Internet.
- c) Explain EPROM.
- d) What is virtual memory?
- e) How many bits are in 1 byte?
- f) What is an SD card?
- g) List the types of operating systems (OS).
- h) What are the types of computers?

Q2) Explain in brief (Solve any 2)

[2×5=10]

- a) Define software and explain its types.
- b) What are secondary storage devices? Explain their types.
- c) Explain ASCII coding.

Q3) Convert the following.

[2×5=10]

- a) i) $(52)_{10} = (?)_2$
ii) $(101)_8 = (?)_{16}$

OR

- b) i) $(110111)_2 = (?)_8$
ii) $(F2A)_{16} = (?)_8$

P.T.O.

Q4) Solve and do analysis (Solve any 1)

[1×10=10]

- a) Draw a block diagram of the basic organization of a computer system and explain the function of each unit.

OR

- b) Define an Operating System (OS). Explain its common functions.

Q5) Application oriented questions (Solve any 1)

[1×10=10]

- a) If you are an IT expert, what hardware (H/W) and software (S/W) would you recommend for a medical shop owner to manage their operations effectively?

OR

- b) What is software? What are the different categories of software commonly used for daily operations?

