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866 (IIT)

[20-HRGPNW–D3S(N)21A]

BSW 3rd Semester (New) Exam., 2020 (W)

SOCIAL WORK

[GSW S3–02]

(Introduction to Information Technology)

Full Marks : 80

Time : 3 hours

The figures in the margin indicate full marks for the questions

1. *(a)* Answer the following questions : 1×8=8

(i) What is Cache Memory?

(ii) What for PROM stands?

(iii) Define Protocol.

(iv) Mention one example of each category of single-user operating system and multiuser operating system.

(v) Write the purpose of Recycle Bin.

(vi) Define Web Browser.

(vii) How do you open and close a PowerPoint presentation?

(viii) What is control panel?

(b) Select the correct option : 1×4=4

(i) 1 GB is equivalent to

1. 2^{10}
2. 2^{20}
3. 2^{30}
4. 2^{40}

(ii) In which of the following topologies, computers and network devices are connected to a central controlling device?

1. Bus
2. Tree
3. Star
4. Ring

(iii) Take the odd item out.

1. Windows 10
2. Linux
3. Google
4. MS-DOS

(iv) Which of the following belongs to third generation electronic component?

1. Vacuum Tube
2. Transistor
3. Integrated Circuit
4. None of the above

(c) Fill up the blanks : 1×4=4

(i) PDA stands for _____.

(ii) _____ is a method of organizing several hard disk drives into one logical unit.

(iii) The topology used in Ethernet is _____.

(iv) A _____ is a combination of text, graphics and hyperlink.

2. Answer any *five* from the following questions : 2×5=10

(a) What is Input/Output system in conventional computer?

(b) Who invented the concept of stored program? Why is this concept so important?

(c) Differentiate between LAN and WAN.

(d) Define system software and application software. Give one example of each category.

(e) What is a bus? How many types of buses are available?

(f) Differentiate between static RAM and dynamic RAM.

3. Answer any *six* from the following questions : 4×6=24

(a) State the purpose of memory system in computer. Discuss different categories of memory in brief.

(b) What is topology? Describe any two types of topology.

(c) Define fragmentation. Write the steps to defragment a hard disk in Windows.

(d) What is the use of header and footer in a Word document? How can header and footer be inserted in a document?

(e) Write the use of Microsoft Excel. How do you insert and delete cells in Excel?

(f) Define internet. Mention the common methods of accessing internet.

(g) What is multimedia? Explain the application of multimedia with examples.

4. Answer any *five* from the following questions : 6×5=30

(a) Draw the block diagram of Von Neumann Architecture of computer. Discuss each unit of this model.

(b) Mention the classification of computers based on the size and power. Explain them briefly.

(c) Describe Web browser along with their features.

(d) Discuss some major aspects related to legal restrictions on software.

(e) What is an e-mail? Explain the common header fields of an e-mail.

(f) Write down the function of any five components of a motherboard.

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