

GS-689



107813

VI Semester B.A./B.Sc./B.C.A./B.S.W./B.Sc.(FAD)
Examination, May/June - 2019

Version Code



COMPUTER APPLICATIONS AND INFORMATION TECHNOLOGY
(CBCS) (F+R) (2016-17 & Onwards)

Time : 3 Hours

Max. Marks : 70

INSTRUCTIONS TO CANDIDATES

1. Immediately after the commencement of the Examination, you should check that this Booklet does not have any unprinted or torn or missing pages or items, etc. If any of the above defects is found, get it replaced by a Complete Question Booklet of the available series.
2. Write clearly the Question Booklet Version Code **A, B, C, D** or **E** in the appropriate space provided for the purpose, in the OMR Answer Sheet.
3. Enter the name of the Subject, Reg. No., Question Booklet version code and affix Signature on the OMR Sheet. As the answer sheets are designed to suit the Optical Mark Reader (O.M.R.) system, special care should be taken to fill those items accurately.
4. This Question Booklet contains **55** questions, **Part - A** contains **40** questions of **one** mark each. **Part - B** contains **15** questions of **two** marks each. **All** questions must be attempted. Each question contains four answers, among them one correct answer should be selected and shade the corresponding option in the OMR Sheet.
5. All the answers should be marked only on the OMR sheet provided and only with a **black** or **blue** ink ball point pen. If more than one circle is shaded/wrongly shaded/half shaded for a given question no marks will be awarded.
6. Immediately after the final bell indicating the closure of the examination, stop making any further markings in the OMR Answer Sheet. Be seated till the OMR Answer Sheet is collected. After handing over the OMR Answer Sheet to the Invigilator you may leave the examination hall.

**PART - A**

Answer **all** questions. Each question carries **1** mark.

1x40=40

1. The virus spreads in an application software is called as :
(a) Boot virus (b) Macro virus (c) File virus (d) Anti-virus
2. An Information System that supports planning and assessment needs of executive management in :
(a) DSS (b) TPS (c) ERP (d) MIP
3. B2C Commerce :
(a) includes services such as legal advice
(b) only shopping physical goods
(c) only customer should approach customers to sell
(d) customers should approach business to business
4. The shortcut key to save document in word :
(a) Ctrl+A (b) Ctrl+C (c) Ctrl+V (d) Ctrl+S
5. A Relational database consists of collection of :
(a) Tables (b) Fields (c) Records (d) Keys
6. Virus are :
(a) Man made (b) Naturally occur
(c) Machine made (d) All the above
7. Which key can be used to view slide show ?
(a) F5 (b) F2 (c) F7 (d) F9
8. Which of the following is part of four main types of e-commerce ?
(a) B2B (b) B2C (c) C2B (d) All the above
9. What is a Hash function ?
(a) It creates a small flexible data
(b) Creates a small fixed block of data
(c) Creates encrypted block of data
(d) None of the above



10. _____ is concentrated with the buying and selling information, products and services over computer communication networks.
(a) Commerce (b) E-Commerce (c) E-Business (d) None of these
11. What is anti-virus ?
(a) It is a computer (b) It is a program
(c) It is an application (d) It is a company name
12. Saas stands for :
(a) Software as service (b) System Software and Services
(c) Software as a system (d) System as Service
13. What is IP stands for ?
(a) Internet Protocol (b) Internet Provider
(c) Internet Procedure (d) Internet Processor
14. Computer virus program is usually hidden in :
(a) Operating system (b) Application program
(c) Disk driver (d) (a) and (b)
15. Fundamental HTML block is known as :
(a) HTML body (b) HTML tag
(c) HTML attribute (d) HTML element
16. HTTP is _____ protocol.
(a) application layer (b) transport layer
(c) network layer (d) none of the above
17. Which of the following is not a powerpoint view ?
(a) Slide shower view (b) Slide view
(c) Presentation view (d) Outline view
18. EDI requires :
(a) representation of common business documents in computer readable forms
(b) data entry operators by receivers
(c) special value added networks
(d) special hardware at co-operating business premise



19. What is Data Encryption Standard (DES) ?
(a) Block cipher (b) Stream cipher (c) Bit cipher (d) None
20. Which is the default alignment in word ?
(a) Left (b) Right (c) Center (d) Justify
21. Which of the following is not a type of MS Access database object ?
(a) Table (b) Form (c) Worksheets (d) Modules
22. How to increase font size of the selected text by one point every time ?
(a) by pressing ctrl+[(b) by pressing ctrl+{
(c) by pressing ctrl+} (d) by pressing ctrl+(
23. Which of the following is not a cloud stakeholder ?
(a) Cloud providers (b) Clients
(c) End user (d) Cloud user
24. Portrait and Landscape are _____.
(a) Paper size (b) Page layout
(c) Page orientation (d) Page margin
25. The basic unit of worksheet into which you enter data in Excel is called :
(a) Cell (b) Table (c) Box (d) Column
26. Electronic exchange of business documents in a standard format is known as :
(a) E-commerce (b) E-Business (c) EDI (d) None of these
27. Electronic exchange of Business documents in a standard format is known as _____.
(a) E-Commerce (b) E-Business
(c) EDI (d) None of the above
28. Which one is **not** a function in MS-Excel ?
(a) SUM (b) AVG (c) MAX (d) MIN



29. What is the maximum zoom size in PowerPoint ?
(a) 100% (b) 200% (c) 300% (d) 400%
30. Crypt Analysis is used :
(a) to find some insecurity in a cryptographic scheme
(b) to increase speed
(c) to encrypt data
(d) none of the above
31. The term attribute refers to a _____ of a table.
(a) Record (b) Column (c) Tuple (d) Key
32. Which of the following is **not** a cloud stakeholder ?
(a) Cloud provider (b) Clients (c) End users (d) Cloud users
33. Which of the following used to read a HTML page ?
(a) Web server (b) Web browser (c) Web matrix (d) Web network
34. The no. of ways you can save the document is :
(a) 2 (b) 3 (c) 4 (d) 5
35. The Greater than (>) is an example of _____ operator.
(a) Arithmetic (b) Logical (c) Conditional (d) Relational
36. DDL stands for :
(a) Data Definition Languages (b) Database Definition Languages
(c) Data Dictionary (d) None of the above
37. A digital signature need a :
(a) Public key system (b) Private key system
(c) Public and private key system (d) None of the above
38. Ctrl+B :
(a) Searches a selected text (b) Pastes a selected text
(c) Boldes a selected text (d) Opens a specified file
39. PowerPoint slides can have :
(a) title, text, graphs (b) drawn objects, shapes
(c) clipart, drawn art, visual (d) any of the above
40. The tuples of the relations can be of _____ order.
(a) Any (b) Same (c) Sorted (d) Constant



PART - B

Answer **all** questions. Each question carries **2** marks.

2x15=30

41. Which type of software is self-replicating that causes damages to the file and system ?
(a) Virus (b) Trojan horse (c) Boots (d) Worms
42. Authentication is done by :
(a) Conventional encryption (b) Scrambling data
(c) Both (a) and (b) (d) None of the above
43. Block cipher processes :
(a) 1000 bits at a time
(b) One bit block of data at a time
(c) (a) and (b)
(d) None of the above
44. MIS :
(a) create and share documents that supports day-day office activities.
(b) process business transactions.
(c) capture and Reproduce the knowledges of an expert problem solver.
(d) use the transaction data to produce information needed by managers to run the business.
45. <title> tag is used :
(a) to display content of the webpage
(b) to display headings to the webpage
(c) to display title bar information of the webpage
(d) none of the above
46. An advantage of database management approach is :
(a) data is dependent on programs
(b) data redundancy increases
(c) data integrated and can be accessed by multiple programs
(d) none of the above
47. How is IP address spoofing detected ?
(a) Installing and configuring IDS that can read the IP header
(b) Comparing TTL values of the actual and spoofed address
(c) Implemented a firewall to the network
(d) Identify all TCP sessions that are initiated but does not complete successfully



48. By security in e-commerce we mean :
- (i) Protecting an organization's data resource for unauthorised access
 - (ii) Preventing disasters from happening
 - (iii) Authenticating messages received by an organization
 - (iv) Protecting messages sent on the internet from being read and understood by unauthorized persons/organizations.
- (a) (i), (ii) (b) (ii), (iii) (c) (iii), (iv) (d) (i), (iii), (iv)
49. Which of the following option is **not** available in Insertment of **MSword** ?
- (a) Chart (b) Clipart (c) Word art (d) Graph
50. The process of transferring files from one computer to another computer on the Internet :
- (a) Uploading (b) Forwarding (c) FTP (d) Downloading
51. Which tag is used to display a picture in HTML page ?
- (a) img (b) picture (c) image (d) src
52. How can we replace a font on all slides with another font in PowerPoint ?
- (a) Tools → Fonts (b) Edit → Fonts
- (c) Format → Replace fonts (d) Tools → Replace fonts
53. Which HTML tag makes the text center aligned ?
- (a) center (b) small (c) h1 (d) font
54. What is the most important activity in system hacking ?
- (a) Information gathering (b) Cracking passwords
- (c) Escalating privileges (d) Covering tracks
55. Which method we don't need to specify the field type and size while creating a table ?
- (a) Design view
- (b) While using wizard
- (c) Create table by entering data
- (d) All the above