 Attempt all questions. Each question carries 1/2 marks. Use the symbol (✓) in the box for marking the correct answer.

Q.No. 1. Choose the correct answer-

1. Which topology requires a central controller or Hub?
   (a) Mesh  [✓]  (b) Star
   (c) Bus  [✓]  (d) Ring

2. Communication between a computer & a keyboard involves ________ transmission.
   (a) Simplex  [✓]  (b) Half duplex
   (c) Full duplex  [✓]  (d) Automatic

3. __________ is the protocol suite for the current internet.
   (a) TCP/IP  [✓]  (b) NCP
   (c) UNIX  [✓]  (d) ACM

4. Data flow between two devices can occur in which way-
   (a) Simplex  [✓]  (b) Half duplex
   (c) Full duplex  [✓]  (d) All of these

5. The process-to-process delivery of the entire message is the responsibility of which layer-
   (a) Network  [✓]  (b) Transport
   (c) Application  [✓]  (d) Physical
6. Mail services are available to network users through the ___________ layer.
   (a) Data link   (b) Physical
   (c) Transport   (d) Application

7. As the data packet moves from the upper to the lower, headers are-
   (a) Added   (b) Removed
   (c) Rearranged   (d) Modified

8. Which of the following is an application layer services?
   (a) Remote login   (b) File Transfer & Access
   (c) Mail service   (d) All of these

9. Identify the class of the IPV4 address: 4.5.6.7-
   (a) A   (b) B
   (c) C   (d) None of these

10. Which one is not a contiguous mask?
    (a) 255.255.255.254   (b) 255.255.224.0
    (c) 255.148.0.0   (d) All of these

11. The number of addresses in a class C block is __________
    (a) 65534   (b) 16777216
    (c) 256   (d) None of these

12. In TCP groups, a no. of bytes together into a packet is called a __________
    (a) User datagram   (b) Segment
    (c) Datagram   (d) None of these

13. A ___________ is defined as a small, fixed-size blocks of Information-
    (a) Frame   (b) Packet
    (c) Cell   (d) None of these
14. In ATM, the _________ layer provides routing, traffic management, switching & multiplexing services.
   (a) Physical ☐ (b) ATM ☐
   (c) AAL ☐ (d) None of these ☐

15. B-ISDN can provide band width-
   (a) Of not more than 28-8 Kbits/Sec. ☐
   (b) Ranging from 28-64 Kbits/Sec. ☐
   (c) Around 2 Mbits/Sec. at the most ☐
   (d) Upto 155 Mbits/Sec. ☐

16. The logical addresses in the internet are-
   (a) Port ☐ (b) IP ☐
   (c) Email ☐ (d) None of these ☐

17. The _________ is the original message before Transformation.
   (a) Cipher text ☐ (b) Plain text ☐
   (c) Secret text ☐ (d) None of these ☐

18. In a (n) _________ cipher, the same key is used by both the sender & the receiver-
   (a) Symmetric-key ☐ (b) Asymmetric-key ☐
   (c) Either (a) or (b) ☐ (d) Neither (a) nor (b) ☐

19. A _________ cipher replaces one character with another character.
   (a) Substitution ☐ (b) Transposition ☐
   (c) Either (a) or (b) ☐ (d) Neither (a) nor (b) ☐

20. The Caesar cipher is a _________ cipher that has a key of 3.
   (a) Transposition ☐ (b) Additive ☐
   (c) Shift ☐ (d) None of these ☐

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Section B
(Short Answer Type Questions)

Attempt all questions. Each question carries 4 marks.

Q.No. 2. Write short note on evolution of Network Technology.

OR

Explain the different types of transmission media & write the advantages of networking.

Q.No. 3. What is Multiplexing? Explain different types of multiplexing.

OR

Explain the term switching and the different types of switching techniques.


OR

What is Internet Protocol? Write about its addressing.

Q.No. 5. Explain ATM? Write its Applications.

OR

Write a short note on B-ISDN reference model.

Q.No. 6. What are the different types of cryptography methods?

OR

What is the difference between Virus, Worms and Trojan?
Section C
(Long Answer Type Questions)

Attempt all questions. Each question carries 8 marks.

Q.No. 7. Explain the types of Networking: LAN, MAN & WAN.

OR

What is Analog signal & Digital signal? Write their advantages.

Q.No. 8. Explain the functions of each layer of OSI.

OR

Describe briefly IEEE 802 standards.

Q.No. 9. What is sub netting & subnet mask? Explain their classes.

OR

What is TCP? Explain every layer of TCP with their advantages.

Q.No. 10. Explain IP forwarding Architecture.

OR

Describe briefly about RSVP?

Q.No. 11. Explain briefly on cryptography algorithm with the help of an example.

OR

What are the advantages of data security over local area network?
Attempt All Questions (Each question carry 1/2 mark). Use the symbol (√) in the box for marking the correct answer.

Q. No. 1. Choose the correct answer-

1. __________ cannot be declared in a form or class module-
   a) Public Constants    b) Private Constants
   c) Static Constants    d) None of these

2. __________ Arrays can be resized at any time-
   a) Dynamic            b) Fixed
   c) Multi Dimensional  d) Control Array

3. __________ function is used to return a copy of string without leading spaces-
   a) L trim              b) R trim
   c) Trim                d) char

4. All the following statements are true about variable scope except.
   a) Module              b) Global
   c) Static              d) Local

5. What is the output of the following code-
   Mysting = “BSSS College”
   Leftstring = Left (Mysting, 4)
   a) BSSS               b) BSS
   c) BSSS College       d) None of these

6. __________ is a control related event.
   a) Key down            b) Load
   c) Terminate           d) Got Focus
7. _______ combines the features of the Text Box and List Box.
   a) Picture Box  b) Check Box  c) Combo Box  d) None of these
8. By default, the Text Box control can hold text is ________
   a) Multi Lines  b) Single Lines  c) Password Character  d) All of these
9. Storage size of Byte data type is _________
   a) 1 Byte  b) 2 Byte  c) 4 Byte  d) None of these
10. ________ is a Collection of files.
    a) Class  b) Group  c) Project  d) Form
11. Visual Basic maintains a projects like with the extension.
    a) .Frm  b) .Vbp  c) .Vbs  d) .Cls
12. ________ are objects that are placed on from objects.
    a) GUI  b) IDE  c) Controls  d) Projects
13. RTF stands for _________
    a) Rich Text Form  b) Rich Title Format  c) Row Text Format  d) Rich Text Function
14. ________ are used by VB to hold information needed by an application.
    a) Variable  b) Data Types  c) Objects  d) Dim
15. ________ is a Microsoft Product for window plat form-
    a) Jet data base engine  b) ODBC  c) OLEDB  d) None of these
16. ________ are called design time entities-
    a) Form  b) Class  c) Control  d) None of these
17. ________ control return Boolean Value-
   a) List Box  
   b) Option Button  
   c) Combo Box  
   d) Scroll Bar  

18. Which is a single element of data stored?
   a) Field  
   b) Record  
   c) Table  
   d) Both (a) and (b)  

19. Which of the following is a comparison operator in SQL?
   a) =  
   b) Like  
   c) Between  
   d) All of these  

20. In the for-next statement the default value for the step is:
   a) -1  
   b) 0  
   c) 1  
   d) 2  

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Section B
(Short Answer Type Questions)

Attempt all questions. Each question carries 4 marks.

Q.No.2. What is Variable Declarations?

OR

Explain the scope of Variables?

Q.No.3. What is Calling Event Procedures? Explain

OR

Write a note on Creating and Using Menus.

Q.No.4. What is Sequential Data Files? Explain.

OR

Write a short note on Advanced Data Handling.

Q.No.5. What is DDL and DML? Explain.

OR

Explain Logical Operators?

Q.No.6. Explain the Grouping data from tables.

OR

Write a short note on Sequences.

Section C
(Long Answer Type Questions)

Attempt all questions. Each question carries 8 marks.

Q.No.7. What do you understand by Tool Bar? Explain the different type of VB Controls.

OR

What is Naming Conventions? Explain Command Button, Image and Picture Box.
Q.No.8. What is Debugging VB Projects? Explain with example.
   OR
   What is Arrays? Explain the Single and Multi dimensional arrays.

Q.No.9. What is Data Bound Control Objects? Explain.
   OR
   Write a note on finding and filtering record set?

Q.No.10. What is set operations in oracles? Explain Union, Intersect and Minus Operations.
   OR
   Write a note on components of SQL?

Q.No.11. Explain the following command with example.
   i) Roll Back
   ii) Commit
   OR
   Explain different types of Joins with example.

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Attempt all questions. Each question carries 1/2 marks. Use the symbol (√) in the box for marking the correct answer.

Q. No. 1. Choose the correct answer:

1. In a market with a small number of high value buyers which promotional technique is most appropriate?
   a) Public relations (PR)  [ ]  b) Personal selling  [ ]
   c) Advertising  [ ]  d) Point of sale displays  [ ]

2. Which of the following is not an element of the marketing mix?
   a) Distribution  [ ]  b) Product  [ ]
   c) Target market  [ ]  d) Pricing  [ ]

3. Profit through Customer Satisfaction is aimed in _______ Concept.
   a) Production  [ ]  b) Holistic  [ ]
   c) Marketing  [ ]  d) Selling  [ ]

4. The purpose of this type of advertising is to create repeat purchases.
   a) Reminder  [ ]  b) Reinforcement  [ ]
   c) Persuasive  [ ]  d) Informative  [ ]

5. Labeling, packaging are associated with:
   a) Price mix  [ ]  b) Product mix  [ ]
   c) Place mix  [ ]  d) Promotion mix  [ ]
6. Market segment is-
   a) A group of customers with a similar need
   b) Creating demand
   c) Selection of market
   d) None of these

7. With respect to consumer behaviour, one’s friends and relatives could be considered an:
   a) Impersonal influence
   b) Reference group influence
   c) Perceptual influence
   d) Institutional influences

8. In which of the marketing mix elements does the personal selling fall-
   a) Promotion
   b) Product
   c) Place
   d) Price

9. A sound marketing strategy begins with-
   a) Positioning
   b) Customer Analysis
   c) Differentiation
   d) Promotion

10. This gives added value to products in an attempt to augment their products with values and associations that are recognized by and are meaningful to their customers:
    a) Promotion
    b) Brand
    c) Product
    d) Price

11. This is a term used to refer to the process when a successful brand is used to launch a new product into a new market:
    a) Brand Leader
    b) Brand Follower
    c) Brand Equity
    d) Brand Extension

12. Offerings move through a sequential, pre-determined pattern of development similar to the biological path that life forms follow. This is the concept of:
    a) Process of diffusion
    b) New Product Development
    c) Product Life Cycle
    d) Brand Management
13. Which component of MIS does supply the managers with happening data?
   a) IRS  
   b) MIS  
   c) MDSS  
   d) MRS

14. _________ is the process that helps managers understand the nature of the industry, the way firms behave competitively within the industry, and how competition is generally undertaken.
   a) Market Need Analysis  
   b) Portfolio Analysis  
   c) Strategic Market Analysis  
   d) Organizational Analysis

15. This approach is often used for fast-moving consumer goods and consumer durables items, where the new product introduced is not demonstrably different from existing formulations available:
   a) Price Discrimination  
   b) Skim Pricing  
   c) Market Penetration  
   d) Price Bundling

16. The marketing communications strategy of the marketing mix deals exclusively with:
   a) Personal selling and advertising.  
   b) Advertising and public relations.  
   c) Advertising, publicity and pricing.  
   d) Personal selling, advertising, sales promotion and public relations

17. AIDA stands for awareness, _______, desire and _________.
   a) Interest; action  
   b) Intensity; appeal  
   c) Involvement; action  
   d) Involvement; appeal

18. Which one is false?
   a) Marketing starts and ends with consumers  
   b) Marketing starts before production and continues after consumption  
   c) A product involves both a good and service  
   d) Maximum profit is the sole goal of modern business
19. Management of distribution channels concerns two key elements: (1) managing the design of the channel and its activities, and (2) ____________
   a) Managing the communications
   b) Managing the relationship of members in the channel
   c) Managing customers’ expectations
   d) Managing new technology

20. Which of the following refers to the unauthorized sale of new, branded products diverted from authorized distribution channels or imported into a country for sale without the consent or knowledge of the manufacturer?
   a) Grey Marketing  
   b) Stealth Marketing
   c) Niche Marketing
   d) Authorized Distribution

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Section B
(Short Answer Type Questions)

Attempt all questions. Each question carries 4 marks.

Q.No. 2. What are the stages in Product Life Cycle? Discuss each stage’s objective.
OR
Explain why demographic environment is important in macro environment?

Q.No. 3. Discuss some major investments and developments in the Indian rural sector.
OR
Converse the rural marketing in Indian economy.

Q.No. 4. Discuss approaches for pricing strategies with examples.
OR
Elaborate the elements which influence marketing directly.

Q.No. 5. What is segmentation; discuss, targeting segmentation with example?
OR
What are the stages in the new product development?

Q.No. 6. A XYZ company wishes to launch a new bathing soap which can effectively give freshness and cleanliness and gentle for skin. But the bathing soap market is highly crowded with multiple brands (HUL, ITC, Godrej etc.). Assume you were to evolve a marketing communication (promotion) strategy. Which appeal will you use and why. Draft an Advertisement campaign.
OR
Discuss in brief:
1. Brand
2. Brand Equity
3. Marketing Research
4. Market Planning

Section C
(Long Answer Type Questions)

Attempt all questions. Each question carries 8 marks.

Q.No. 7. Discuss in detail-
Discuss the objectives of sales promotion. Explain with example sales promotion methods directed at consumers, which can be used by a detergent manufacturer.
OR
Middlemen are parasites. This charge has been made by many over the centuries. Is this likely to be the case in a competitive economic system? Why or why not?

Q.No. 8. Discuss the role of 4Ps in formulation marketing strategies for the Water Purifier.

OR

Discuss the role of 4Ps in formulation marketing strategies for the Smart Phones.

Q.No. 9. Write short notes on the following-
   i. Relationship Marketing
   ii. Horizontal Marketing

OR

Write short notes on the following-
   i. Internal Marketing
   ii. Marketing Mix

Q.No. 10. Distinguish between brand identity, brand personality and brand image with suitable examples.

OR

What is consumer behaviour? Explain why marketing is both begins and ends with consumer?

Q.No. 11. Read the case and answer questions:

Advertising is an art of making sure the target market receives advertising message and responds in kind. Horlicks has been traditionally targeted at elders. However, about 5 years ago, communication was changed with the introduction of different flavors. The TV commercial had children going around the town, cheering “Epang Opang Jhapang” - a chat without any meaning. However, the TVC showed their mothers deciding on the choice of health drink. Horlicks competitor Complan promised to make the kids taller. Now, Horlicks has gone a step further in promising not only height but a stronger body and a sharper mind. The new campaign for Horlicks gives the kids a motto: Badlo apne bachpan ka size. The new TVC has Darsheel Safary, the child protagonist of Taare Zameen Par, in the lead. Safary and his friends are on a mission to change things they don’t like and question age old practices. Is Horlicks taking kids on a rebellious path?

The TVC will be supported by print, radio and on ground activities and extended to Horlicks school programs, Whiz Kids Contest. In the late 2008, a legal battle broke out between Glaxo Smith Kline Consumer Healthcare (GSK) and Heinz India over the advertisements of their respective drinks Horlicks & Complan. The advertisements talked about how their respective brand was better than the other. Galxo Smith Kline (GSK) has re-launched its Horlicks brand in three new flavors on the Indian market, according to reports in the Indian press. GSK has about 75% market share of India’s health drink market with Boost, Viva and Maltova, according to a report from Press Trust of India.

Questions:
   i) Analyse advertising strategies adopted by Complan & Horlicks.
   ii) Discuss issues & challenges faced by companies while using comparative advertising.

OR

What is marketing mix for Indian market? Explain in details.
Section B
(Short Answer Type Questions)

Attempt all questions. Each question carries 4 marks.

Q.No.2. What is the role of IT in MIS?

OR

What is the difference between MIS plan and Business plan?

Q.No.3. What is GIS? How it is different from GPS?

OR

What do you understand by repetitiveness of decisions?

Q.No.4. What are the advantages of artificial intelligence?

OR

What is planning support system?

Q.No.5. How information can be gathered and manage?

OR

What do you know about quality control?

Q.No.6. What is called model building?

OR

What do you know about quality assurance?
Section C
(Long Answer Type Questions)

Attempt all questions. Each question carries 8 marks.

Q.No.7. What are the Object Oriented Designed (OOD) concepts?

OR

What is the architecture of database management system?

Q.No.8. What is executive information system? Explain its characteristics, capabilities and benefits.

OR

What decision support system and explain structure of decision making?

Q.No.9. What are the phases that support for decision making?

OR

What is control support system and write its advantages.

Q.No.10. What are the advantages of organizing information?

OR

Write down in detail about strategic analysis?

Q.No.11. What is designing and maintaining process in information system?

OR

What do you understand by performance evaluation and monitoring system?

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Section-A  
(Objective Type Questions)

Attempt all questions. Each question carries 1/2 marks. Use the symbol (√) in the box for marking the correct answer.

Q. No. 1. Choose the correct answer-

1. The…………….components are the tangible component of the computer.
   a) Hardware  b) Software  c) Both (a) and (b) d) None of these

2. An object contains………………..data.
   a) Encapsulated  b) Globle  c) Local  d) None of these

3. An operating system is a…………..that manages computer…………………..
   a) Software, Hardware  b) Hardware, Software  c) Hardware, Hardware  d) Software, Software

4. ………………….is an input device.
   a) Printer  b) Motherboard  c) Mouse  d) None of these

5. An……………….is an intermediary between the user of a computer and a computer hardware.
   a) MIS  b) OS  c) OOS  d) None of these
6. GIS Stands for…………………
   a) Geographic Information System
   b) Graphical Information System
   c) Geographic Internet System
   d) None of these

7. EIS Stands for……………………
   a) Engineering Information System
   b) Executive Information System
   c) Enterprise Information System
   d) None of these

8. EIS is a ………………….based system that serves the information that is needed by the various top executives.
   a) Hardware
   b) Software
   c) Computer
   d) None of these

9. DSS are designed specially to facilitate………………
   a) Initial Process
   b) Intermediate process
   c) Decision Process
   d) End Process

10. …………………is the need of DSS.
    a) Fast Computation
    b) Enhance Productivity
    c) Better Decision
    d) All of these

11. The most important reason for failure of MIS is -
    a) Use of improper tools
    b) Non involvement of end user
    c) Improper Specification
    d) None of these
12. Relation between Information Technology (IT) and MIS-
   a) IT is a type of MIS
   b) MIS is a type of IT
   c) IT and MIS are same
   d) IT is Hardware and MIS is Software

13. An Automated Teller Machine (ATM) is an example of which type of MIS?
   a) Expert System
   b) Operation Information System
   c) Transaction Processing System
   d) Decision Support System

14. Which software application would be best to perform and analyze calculations on production data?
   a) Accounting
   b) Presentation
   c) Database
   d) Spreadsheet

15. Which of the following threatens information security?
   a) Authentication
   b) Encryption
   c) Viruses
   d) Cookies

16. Which of the following best defined a set of methods or techniques for acquiring, organizing, storing, manipulating and transmitting information?
   a) MIS
   b) IT
   c) Data mining
   d) Decision support system

17. A decision support system is a……………………
   a) Highly flexible IT system
   b) Interactive IT system
   c) Design to support decision making
   d) All of these
18. A key concept of quality control is that all work products -
   a) are delivered on time and under budget
   b) have complete documents
   c) have measurable specifications for process output
   d) are thoroughly tested before delivery to customer

19. An information system that supports the planning and assessment, needs of executive management is -
   a) DSS
   b) TPS
   c) MIS
   d) None of these

20. What is the first question that needs to be answered when doing quality planning?
   a) Where do we want to go
   b) Where are we
   c) How are we going to get there
   d) Who is responsible for what
Section A

Q.1. Attempt all the questions given below: 1x5 = 5 marks

i) ..................is the greatest poet of the Romantic Era.

ii) High speed networks, also referred to as .................... super highways, convey material that is at once rich and varied.

iii) The basic needs of early human beings were relatively .................. 

iv) ..................is an organized physical conflict between groups of one and the same species.

v) The scientific study of language in any of its senses is called..................

Section B

Q.2. Attempt any five: 5x3 = 15 marks

i) How many times was the cherry tree destroyed and how?

ii) Write a short summary of the poem “The world’s Too Much with Us”.

iii) How was king Vikramaditya’s throne discovered by the king and his men?

iv) Which species of ants is involved in war and why?

v) Do you think the poem ‘Stopping by woods on a Showy Evening’ has any symbolic significance? Give reasons.

vi) What do you understand by quality of life?

vii) How has Communication Education revolutionized the world?

viii) What were the findings of Ashok Mehta Committee?

Q.3. Write a short essay of about 250-300 words on any one of the given topics. 15 marks

i) Corruption in Public Life

ii) Social Media and Youngsters

iii) Democracy in India.
Q.4. **Translate the passage from Hindi to English.** 10 marks

महान शिक्षा संस्थान वहाँ मौजूद लोगों की वजह से महान होते हैं यानि शिक्षक व छात्र। वरना कॉलेज तो सिर्फ़ इमारत व फर्नीचर ही होता है। सर्वश्रेष्ठ बनने के लिये आपको एक महत्वपूर्ण तत्त्व की जरूरत होती है। जिसकी भारत में प्रायः उपेक्षा कर दी जाती है। टॉप टेलेट, शीर्ष प्रतिभाएं। परिभाषा के मुताबिक समाज में दुर्लभ मानी जाने वाली प्रतिभाओं में ही नई चीजें लाने, उन्हें जमीन पर लागू करके दिखाने और क्षेत्र विशेष को पूरी तरह बदल देने की शक्ति होती है। दुर्लभ होने के बावजूद शीर्ष प्रतिभाएं किसी भी क्षेत्र से आकर देश को रुपांतरित कर सकती हैं।

Q.5. A) **Draft a CV for the post of a CEO.**

OR

Write an E-mail in about 50-80 words to the Dean – Admissions, State University of New York, to check about the status of your application to their masters program in Environmental Science.

Q.6. **All questions are compulsory.**

5x3 = 15 marks

A. **Give one word substitution.**

i) A person who lives a wandering life.

ii) An instrument used to see distant objects.

iii) A book giving information on all branches of knowledge.

iv) To write under a different name.

v) One who looks on the dark side of things.

B. **Give the meaning of the following homonyms and use them in sentences of your own.**

i) Accede/Exceed

ii) Access/Excess

iii) Birth/Berth

iv) Canon/Cannon

v) Soar/Sore
C. Choose the correct meaning of the idioms given in italics in the sentences.

i) The boy turned a deaf ear to the pleadings of all his well-wishers.
   a) Listened carefully       b) was deadly opposed
c) posed indifference       d) did not pay any attention

ii) At a party, he is always in high spirits.
   a) Talkative               b) Cheerful
   c) Drunk                   d) Uncontrollable

iii) She rejected his proposal of marriage point blank.
     a) directly               b) pointedly
     c) absurdly               d) briefly

iv) His voice gets on my nerves.
    a) Makes me sad           b) irritates me
    c) makes me ill           d) pierces my eardrums

v) There is no love lost between the two neighbours.
   a) close friendship       b) intense dislike
   c) a love-hate relationship d) cool indifference

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B.C.A Fifth Semester Examination (Year 2015)
Basic Computer Information Technology

Subject Code: FC-103
Paper Code: SRS-516

Time : 20 Minutes
M.Marks : 5

Section A
(Objective Type Questions)

Roll No.

Attempt all questions. Each question carries 1/2 marks. Use the symbol (✓) in the box for marking the correct answer.

Q.No. 1. Choose the correct answer-

1. The second generation computer was based on-
   a) Vacuum tube  
   b) Silicon chips  
   c) Transistors  
   d) Bio chips

2. Which is not a computer classification-
   a) Mainframe  
   b) Maxframe  
   c) Miniframe  
   d) Notebook

3. EPROM Stands for-
   a) Electrically Programmable Read Only Memory  
   b) Erasable Programmable Read Only Memory  
   c) Electronic Programmable Read Only Memory  
   d) None of these

4. C.P.U is combination of-
   a) Control + Storage  
   b) Control + Output Unit  
   c) Arthematic Logic + Input Unit  
   d) Arthematic Logic + Control Unit
5. Which of the following produces the best quality graphics reproduction-
   a) Inkjet Printer   b) Plotter
   c) Dot Matrix Printer   d) Daisy Wheel Printer

6. Which of the following device can be used to take direct image printed text-
   a) OCR   b) OMR
   c) MICR   d) None of these

7. Memory unit that communicates directly with the C.P.U-
   a) Main memory   b) Secondary memory
   c) Auxiliary memory   d) Register

8. A Floppy Disk contains-
   a) Circular tracks only   b) Sector only
   c) Both (a) and (b)   d) None of these

9. Which command is used to make a new directory-
   a) CD   b) MD
   c) RD   d) VOL

10. Which command is used to change the file name-
    a) Run   b) Rename
     c) Both (a) and (b)   d) None of these

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Section B
(Short Answer Type Questions)

Attempt all questions. Each question carries 1 mark.

Q.No. 2. What do you mean by Mainframe Computer?

OR

Discuss the features of Desktop.

Q.No. 3. Explain Control Unit and Arithmetic Logic Unit.

OR

Differentiate between RAM and ROM.

Q.No. 4. Explain the following:-
   a) Scanner
   b) Printer

OR

Define SVGA.

Q.No. 5. Explain the following:-
   a) CD
   b) DVD

OR

Differentiate between Primary and Secondary Memory.

Q.No. 6. Explain the functioning of an Operating System.

OR

Explain any five internal commands in MS-DOS.
Section C
(Long Answer Type Questions)

Attempt all questions. Each question carries 2 marks.

Q. No. 7.   Explain the Generations of Computer.

   OR
   Explain the types and characteristics of PCs.

Q. No. 8.   Draw Block Diagram of Computer and Explain its functional units.

   OR
   Explain the following:-
   a)   RAM
   b)   ROM
   c)   EPROM
   d)   PROM

Q. No. 9.   Explain Printer and its types.

   OR
   What are output devices? What are the major output devices for Computer?

Q. No. 10.  Explain the following: (Any Three)
   a)   Magnetic Tape
   b)   Data Drive
   c)   Floppy Disk
   d)   CD- RW
   e)   DVD-RW

Q. No. 11.  What do you mean by booting process? Explain the types of booting process.

   OR
   Explain history of MS-DOS with versions.