

SECTION – A

Analysis Skills

1. (a) Read the following passage and answer the questions : (5 × 1 = 5)

Do you ever worry about your memory? Perhaps you go into a room and forget what you came for, or may be something on the tip of your tongue, but you can't get it off. Don't worry. You are perfectly normal. It is the nature of the mind to forget – and the nature of man to worry about forgetfulness.

Human beings have a prodigious memory. In a few cubic centimeters the brain stores more information that can be stored in a large computer. Today neurologists, psychologists and biologists are studying the different aspects of memory.

There are two types of memory. Short-term memory lasts only for seconds you look up a telephone number and remember it long enough to dial. Long-term memory is stored probably for life.

- (i) Give two instances of forgetfulness
- (ii) How much information can the brain store?
- (iii) What are the two types of memory?
- (iv) Give an instance of short-term memory.
- (v) Human beings have a ————— memory.

- (b) Read the passage and answer by choosing the right answer : (5 × 1 = 5)

The students were asked to offer an explanation about why they had been absent. One said that he had an attack of headache and therefore could not come to school. He was asked to bring a medical certificate. The second one said that some-one had told him that there was no school, so he had gone back home. The head master replied that if he was going to listen to every loafer who said there would be no school, he deserved to be flogged. The punishment was pronounced-ten days attendance cancelled, two rupees fine, and the whole day to be spent on the desk.

- (i) What were the students being questioned about?
 - (1) to explain
 - (2) for being absent
 - (3) for attendance
 - (4) about fine.

- (ii) The first student was asked to bring —————.
- (1) two rupees
 - (2) medical certificate
 - (3) attendance
 - (4) desk
- (iii) The second student deserved to be flogged because he listened to
- (1) all students
 - (2) every loafer
 - (3) headmaster
 - (4) teacher
- (iv) What punishment was given to the student?
- (1) ten days attendance cancelled
 - (2) two rupees fine
 - (3) whole day on the desk
 - (4) all the above
- (v) The author wants to show that
- (1) students often fall ill
 - (2) students make up all sorts of excuses to explain their absence from school
 - (3) students are punished by teachers, unnecessarily
 - (4) students play in the ground.

2. (a) Correct the following sentences : (5 × 1 = 5)

- (i) Each boy and each girl get a turn.
- (ii) One should mind his tongue.
- (iii) Justice as well as compassion allow it.
- (iv) The furniture are new in this house.
- (v) The economics is a difficult subject.

(b) Rewrite as directed : (5 × 1 = 5)

- (i) I will convince him. (change the voice)
- (ii) Whoever is honest is respected. (change into a simple sentence)
- (iii) Madras is one of the biggest cities in India. (change to positive degree)
- (iv) He said to me 'I am happy to be married'. (change into Indirect speech)
- (v) My father was an engineer. (Add a question tag)

(c) Change into direct speech : (2 × 1 = 2)

- (i) He told me that the earth is round.
- (ii) He asked me how my father was.

- (d) Fill in the blanks with correct forms of the verbs in the brackets : (5 × 1 = 5)
- (i) One of my teachers ————— (belong) to my village.
 - (ii) These scissors ————— (be) not sharp.
 - (iii) His uncle and aunt ————— (have) a house in the town.
 - (iv) They shall ————— (do) the job.
 - (v) The director ————— (live) in a large bungalow.
- (e) Fill in the blanks with suitable words given at the end : (5 × 1 = 5)
- (i) The girl ————— with perfect truthfulness.
 - (ii) I ————— Milton to my great benefit.
 - (iii) Marlowe was a ————— of great promise.
 - (iv) She ————— me with a smile.
 - (v) She ————— reading a book.
- (replied, enjoys, writer, greeted, read)
- (f) Rewrite the following set of jumbled sentences to a coherent passage : (3)
- (i) One day it was very thirsty and was searching for water.
 - (ii) At last it found a pot and water in it.
 - (iii) There was a crow living in a tall and shady tree.
 - (iv) It had sufficient food to eat and water to drink.
 - (v) But rains failed and it was difficult to find water.
- (g) Write three exchanges between a customer and a sales girl showing garments of different varieties. (3)
- (h) Write a paragraph using the following hints : (3)
- Science affects lives – applications varied – influences opinions – dispels superstitions – leads to control on nature – develops logical unbiased thinking.
- (i) Write in about 100 words on any ONE : (3)
- (i) Internet – boon or bane
 - (ii) Environment pollution
 - (iii) Physical activity in present day world.

SECTION – B

(Descriptive Skills)

3. Write an essay on ONE : (1 × 5 = 5)
- (a) Narrate in brief the 'neighbours' reactions to the news about the cobra in 'A Snake in the Grass'.
 - (b) Give a character sketch of Dorothy clandon.
 - (c) What advice does Bronowski give to the layman about Science?

4. Write short notes on any THREE : (3 × 3 = 9)
- (a) Who according to John Milton leads him to his destiny?
 - (b) What is Edmund Waller's opinion about women?
 - (c) How does the train symbolise the progress of mankind in 'The Express'.
 - (d) How, according to John Masefield, can the world be made better in 'Laugh and Be Merry'?
 - (e) Why is it difficult to kill a tree according to Gieve Patel?
5. Write an essay on ONE : (1 × 4 = 4)
- (a) Describe the life of refugees as described by Pearl Buck.
 - (b) Why did Mrs. Sappleton keep the window open in 'The Open Window'?
 - (c) Bring out the irony in 'The Fortune - Teller'.
6. (a) Explain any TWO : (2 × 2 = 4)
- (i) "I'll buy you another gold watch".
 - (ii) "I take up my task in buoyancy and hope".
 - (iii) 'You are well enough I hope now and will be quite fit soon'.
- (b) Explain any ONE : (1 × 4 = 4)
- (i) How small a part of time they share.
 - (ii) Laugh till the game is played : and be you merry, my friends.
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(DSCFT 02)

B.Sc. DEGREE EXAMINATION, NOVEMBER 2021.

First Year

TEXTILE SCIENCE

Time : Three hours

Maximum : 70 marks

SECTION A — (4 × 3½ = 14 marks)

Answer any FOUR of the following questions.

1. Applications of synthetic fibres.
2. Validity of visual burning tests for textile fibre.
3. Yarn count
4. Polyester
5. Nylon 6/6
6. Bleaching

SECTION B — (4 × 14 = 56 marks)

Answer ALL of the following questions

7. (a) Write the importance and applications of textile clothing.
Or
(b) Discuss the differences and applications of natural and synthetic fibres.
 8. (a) What are the various processes to identify the quality of textile fibre?
Or
(b) Define spinning and write the classification of yarns.
 9. (a) What are the various steps in weaving? explain.
Or
(b) Discuss manufacturing process of Rayon.
 10. (a) Give an account on properties and applications of polyesters.
Or
(b) Explain the following
 - (i) Embozing
 - (ii) Glazing
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(DSCFT 03)

**B.Sc DEGREE EXAMINATION,
NOVEMBER 2021.**

First Year

GARMENT CONSTRUCTION-I

Time : Three hours

Maximum : 70 marks

SECTION A — (4 × 3 ½ = 14 marks)

Answer any FOUR of the following.

1. Selection of needles.
2. Ruffles.
3. Types of Paper Patterns.
4. Hemming.
5. Pleats and Gathers.
6. Placket for Kalidar Kurta.

SECTION B — (4 × 14 = 56 marks)

Answer ALL questions.

7. (a) Explain various measuring tools that are used in garment construction with suitable examples.
Or
(b) Write the maintenance of machine parts. Give some remedies for common machine problems.
8. (a) What is the base for sizes for readymade cloths (garments)? Discuss precaution to be taken during taking the measurements.
Or
(b) Write the process of straightening of fabric grain.
9. (a) Explain various types of stitches based on the states.
Or
(b) Define Seams. Explain various types of seams.
10. (a) Explain the following
 - (i) Darts and Tucks.
 - (ii) Press buttons and buttons hooks.Or
(b) (i) Pleats and Gathers.
(ii) Tailored placket and Zipper placket.

(DSCFT 05)

B.Sc. DEGREE EXAMINATION, NOVEMBER 2021.

First Year

APPAREL FINISHING AND CLOTHING CARE

Time : Three hours

Maximum : 70 marks

SECTION A — ($4 \times 3 \frac{1}{2} = 14$ marks)

Answer any FOUR questions.

1. Washing machine with illustration
2. Applications of friction
3. Saponification
4. Reducing bleaches
5. Uses of blues
6. Grease solvents.

SECTION B — ($4 \times 14 = 56$ marks)

Answer ALL questions.

7. (a) Explain the following
 - (i) Dry cleaning pump
 - (ii) Suction washer.

Or

 - (b) What are sources for various natural cleansing agents for cleansing process? Explain with suitable examples.
 8. (a) Give an account on principles of washing.

Or

 - (b) Write an essay on types and preparation of stiffening agents.
 9. (a) Explain the process of removal of hardness of water.

Or

 - (b) Define and classify the bleaches and write its applications.
 10. (a) Discuss the procedure for removing different stains on cotton fabrics with suitable examples.

Or

 - (b) What are the various methods available for dry cleaning based on fabric type and reagents that are used?
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(DSCFT 06)

B.Sc. DEGREE EXAMINATION,
NOVEMBER 2021.

First Year

COMPUTER STUDIES

Time : Three hours

Maximum : 70 marks

SECTION A — (8 × 5 = 40 marks)

Answer any EIGHT of the following questions.

1. Explain evolution of computers.
2. What are advantages of computer?
3. How can you add graphics in the document?
4. What are the options in font dialogbox?
5. What are the uses of Excel?
6. Explain about function wizard in Excel.
7. What is slide transition? How can you add sound and speed to slide?
8. What are the options of file tab in power point?
9. What are the features of MS-Access?
10. Write steps to create table using table wizard in MS-Access.
11. What are the facilities of Internet?
12. Define WWW, HTML and E-mail.

SECTION B — (4 × 7½ = 30 marks)

Answer ALL questions.

13. (a) List and explain about output devices.
Or
(b) What are the differences between primary and secondary storage devices?
14. (a) Write a procedure to print a document.
Or
(b) What is chart? Explain different parts of chart.
15. (a) What are the components of MS-Access environment?
Or
(b) What is query? How can you enter and edit the data using query?
16. (a) Write steps to create E mail ID.
Or
(b) Write a procedure to get the information related to fation technology.