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2010



Roll No.        
 Sig. of Candidate. \_\_\_\_\_

Answer Sheet No. \_\_\_\_\_  
 Sig. of Invigilator. \_\_\_\_\_

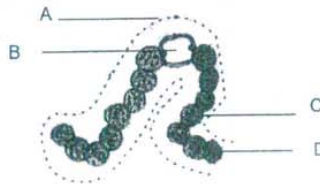
**BIOLOGY SSC-I**  
**SECTION – A (Marks 12)**

**Time allowed: 20 Minutes**

**NOTE:-** Section-A is compulsory. All parts of this section are to be answered on the question paper itself. It should be completed in the first 20 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

**Q. 1** Circle the correct option i.e. A / B / C / D. Each part carries one mark.

- (i) Who introduced the Binomial Nomenclature system?  
 A. Vi Salius B. Carolus Linnaeus  
 C. Edward Jenner D. Charles Darwin
- (ii) Which of the following statements is **TRUE** for all gymnosperms?  
 A. They are vascular plants B. They have vessels in their xylem  
 C. They are usually found in hot plains D. They are seedless plants
- (iii) Which of the following characteristic of Viruses is **NOT** like that of living things?  
 A. Growth B. Reproduction C. Crystals D. Respiration
- (iv) The figure given below shows a nostoc filament. Where does it fix the nitrogen of the atmosphere?



- (v) Bryophytes include \_\_\_\_\_  
 A. Liverworts, mosses B. Ferns, gymnosperms  
 C. Gymnosperms, angiosperms D. Mosses, fungi
- (vi) Which of the following groups represents the seedless plants?  
 A. Gymnosperms B. Angiosperms C. Pteridophytes D. Spermatophytes
- (vii) Which of the following phyla has metameric segmentation in the body of its animals?  
 A. Mollusca B. Nematoda C. Annelida D. Arthropoda
- (viii) The term 'Cell' was first used by \_\_\_\_\_  
 A. Schleiden B. Schwann C. J. Purkindi D. Robert Hook
- (ix) Which of the following plants has compound leaves?  
 A. Cotton B. Mulberry C. Peepal D. Amaltas
- (x) Which of the following molecules are absorbed by the digestion of carbohydrate and protein in the small intestine?  
 A. Glucose, Amino acids B. Sugar, Fatty acids  
 C. Glucose, Fatty acids D. Sugar, Amino acids
- (xi) What is the function of manganese in plants?  
 A. Synthesis of nucleic acids B. Synthesis of chlorophyll  
 B. Building of amino acids D. Synthesis of carbohydrates
- (xii) Which of the following paths does air take to enter the human lung?  
 A. Bronchiole → Bronchus → Larynx → Trachea  
 B. Bronchiole → Bronchus → Trachea → Larynx  
 C. Trachea → Bronchiole → Bronchus → Alveolus  
 D. Trachea → Bronchus → Bronchiole → Alveolus

For Examiner's use only:

Total Marks:

12

Marks Obtained:

— 1SA-1010 (L) —



## BIOLOGY SSC-I

Time allowed: 2:40 Hours

Total Marks Sections B and C: 53

NOTE:- Answer any eleven parts from section 'B' and any two from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

### SECTION – B (Marks 33)

- Q. 2 Attempt any ELEVEN parts. The answer to each part should not exceed 3 to 4 lines. ( 11 x 3 = 33 )**
- (i) Define the following:
    - a. Morphology (1)
    - b. Embryology (1)
    - c. Genetics (1)
  - (ii)
    - a. Why do some animals hibernate themselves in cold season? (2)
    - b. Name two vertebrates that hibernate themselves in the winter season. (1)
  - (iii) Two types of blood are received by the heart of frog during circulation. (3)
    - a. Name the veins which supply blood to the heart.
    - b. Which chamber of the heart receives deoxygenated blood from all parts of the body of frog?
  - (iv) Write down the salient features of the cell theory presented by Schleiden and Schwann. (3)
  - (v) Name any three Angiospermic plants from which the products that are used as medicines are obtained. (3)
  - (vi) Define the following:
    - a. Nucleoid (1)
    - b. Rachis (1)
    - c. Prothallus (1)
  - (vii) Differentiate between Arteries and Veins. (3)
  - (viii) Write down the cause of the following diseases:
    - a. Beri-beri (1)
    - b. Rickets (1)
    - c. Anaemia (1)
  - (ix) Write down the structure of Amoeba. (3)
  - (x) Write down one function of each of the following:
    - a. Pyrenoid (1)
    - b. Plasmid (1)
    - c. Radula of Snail (1)
  - (xi) Differentiate between Aerobic and Anaerobic respiration. (3)
  - (xii) Write a short note on Carbohydrates. (3)
  - (xiii) Write a short note on different types of Plastids found in plants. (3)
  - (xiv)
    - a. How do the Parasitic plants obtain their food? (2)
    - b. Give two examples of Saprophytic plants. (1)
  - (xv) Write down the structure of Xylem tissue. (3)

### SECTION – C (Marks 20)

- Note: Attempt any TWO questions. All questions carry equal marks. (2 x 10 = 20)**
- Q. 3**
- a. Describe the role of **Pancreas** and **Liver** in the digestion of food in man. (06)
  - b. How does digestion of food take place in the stomach of man? (04)
- Q. 4**
- a. Name the chemicals present in the cigarette smoke. Also describe the harmful effects of each chemical. (05)
  - b. What is Mutualism? Give two examples of mutualists. (03)
  - c. Describe Cutaneous and Buccal Respiration in frog. (02)
- Q. 5**
- a. Describe the internal structure of Brassica root. (05)
  - b. Write down the significance of meiosis cell division. (02)
  - c. Write down the energy rich compounds which are formed in light reaction of photosynthesis. (03)

— 1SA-1010 (L) —



Roll No.

Answer Sheet No. \_\_\_\_\_

Sig. of Candidate. \_\_\_\_\_

Sig. of Invigilator. \_\_\_\_\_

**CHEMISTRY SSC-I**  
**SECTION – A (Marks 12)**

**Time allowed: 20 Minutes**

**NOTE:-** Section-A is compulsory. All parts of this section are to be answered on the question paper itself. It should be completed in the first 20 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

**Q. 1** Circle the correct option i.e. A / B / C / D. Each part carries one mark.

- (i) Who discovered sulphuric acid?  
A. Al Jahiz      B. Berzelius      C. Jabar Bin Haiyan      D. Aristotle
- (ii) Mass is neither created nor destroyed, during a chemical reaction but it only changes from one form to another form. What is this law called?  
A. Law of definite proportions      B. Law of multiple proportions  
C. Law of reciprocal proportions      D. Law of conservation of mass
- (iii) The atom of which of the following elements is the lightest?  
A. Hydrogen      B. Carbon      C. Oxygen      D. Nitrogen
- (iv) What are  $\beta$  – rays?  
A. Protons      B. Neutrons      C. Electrons      D. Positrons
- (v) In how many groups has the Modern Periodic Table been divided?  
A. 8      B. 18      C. 7      D. 20
- (vi) Which of the following will have eight electrons in its outermost shell?  
A. Fe      B. K      C.  $H^{+1}$       D.  $Cl^{-1}$
- (vii) Which of the following compounds changes directly into vapours upon heating?  
A.  $Na_2CO_3$       B.  $CaCO_3$       C.  $NH_4Cl$       D.  $AlCl_3$
- (viii) One  $dm^3$  solution has been prepared by dissolving 49 g of sulphuric acid in water. What will be the molarity of this solution?  
A. 0.5M      B. 0.25M      C. 0.75M      D. 0.125M
- (ix) What is the process of deposition of a metal on another metal called?  
A. Electrolysis      B. Electroplating      C. Radioactivity      D. Ionization
- (x) How many Ionisable Hydrogen atoms are there in acetic acid?  
A. Four      B. Two      C. One      D. Three
- (xi) What will be the property of the solution obtained by mixing  $50cm^3$  of 0.1M Hydrochloric acid solution in  $50cm^3$  of 0.1M Sodium hydroxide solution?  
A. Acidic      B. Basic      C. Neutral      D. None of these
- (xii) Which of the following is used to cure the sting of wasp?  
A. Vinegar      B. Lye  
C. Magnesia      D. Litmus powder

**For Examiner's use only:**

**Total Marks:**

12

**Marks Obtained:**

— 1SA-1008 (L) —



## CHEMISTRY SSC-I

Time allowed: 2:40 Hours

Total Marks Sections B and C: 53

**NOTE:-** Answer any eleven parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

### SECTION – B (Marks 33)

- Q. 2** Answer any ELEVEN parts. The answer to each part should not exceed 3 to 4 lines. ( 11 x 3 = 33 )
- (i) Who were Alchemists and what was their idea? 1½+1½
- (ii) Carbon and oxygen combine to form two types of oxides "A" and "B". "A" contain 12g of carbon with 16g of oxygen, whereas "B" contains 12g of carbon with 32g of oxygen.
- a. State the law, governing the formation of two different oxides from the same elements. ½
- b. How does the data prove the law? 1½
- c. Write the formula for oxides "A" and "B". ½+½
- (iii) Complete and balance the following equations:
- a.  $H_2S_{(g)} + SO_{2(g)} \longrightarrow$  01
- b.  $Na_2CO_{3(s)} + HCl_{(aq)} \longrightarrow$  01
- c.  $Al_{(s)} + O_{2(g)} \longrightarrow$  01
- (iv) Differentiate between Natural Radioactivity and Artificial Radioactivity. 03
- (v) Who discovered neutron? Give two properties of neutrons. 1+2
- (vi) What is meant by Law of Octaves? 03
- (vii) Metallic bond is present in metals. Explain why.
- a. Metals are good conductor of electricity. 01
- b. High pressure changes the shape of metals. 01
- c. The melting and boiling points of metals are usually very high. 01
- (viii) Give the electronic configuration of the following elements:  $_{11}Na^{23}$  ,  $_{17}Cl^{35.5}$  03
- (ix) Define hydrogen bonding. 03
- (x) Define the following:
- a. Saturated solution 1½
- b. Super saturated solution 1½
- (xi) Define electrochemistry. 03
- (xii) Differentiate between Electrolytic cell and Voltaic cell. 03
- (xiii) What is the sum of pH and pOH in solution? If a solution has pH 5.5, what will be its pOH? 03
- (xiv) What do you know about spectator ion? 03
- (xv) Differentiate between heat of reaction and enthalpy of reaction. 03

### SECTION – C (Marks 20)

**Note:** Attempt any TWO questions. All questions carry equal marks. ( 2 x 10 = 20 )

- Q. 3** Define Modern Periodic Law. Give any SIX features of the Modern Periodic Table. Write down trends in the electron affinity and ionization energy of elements in groups and periods. 2+6+2
- Q. 4** Define chemical reaction. Explain types of chemical reactions with one example of each.
- Write down balance chemical equation in support of each type. 2+4+4
- Q. 5** What is Solubility? Describe the various factors which affect solubility? 2+8

— 1SA-1008 (L) —



Roll No.

Answer Sheet No. \_\_\_\_\_

Sig. of Candidate. \_\_\_\_\_

Sig. of Invigilator. \_\_\_\_\_

**COMPUTER SCIENCE SSC-I**

**SECTION – A (Marks 12)**

**Time allowed: 20 Minutes**

**NOTE:-** Section-A is compulsory. All parts of this section are to be answered on the question paper itself. It should be completed in the first 20 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

**Q. 1** Circle the correct option i.e. A / B / C / D. Each part carries one mark.

- (i) Which of the following is **NOT** a high level language?
 

A. BASIC	B. FORTRAN
C. Assembly Language	D. C and C+ +
- (ii) What is called the brain of computer?
 

A. RAM	B. CPU	C. ALU	D. CU
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- (iii) The second generation computer used \_\_\_\_\_
 

A. IC's	B. Microprocessor
C. VLSI chip	D. Transistors
- (iv) The System BUS is used to connect the \_\_\_\_\_
 

A. CPU	B. Input/Output Devices
C. Main Memory	D. All of these
- (v) Flat Panel Monitors are usually used in \_\_\_\_\_
 

A. Portable Computers	B. Super Computers
C. Personal Computers	D. Mainframe Computers
- (vi) Hard Dick is a/an \_\_\_\_\_ disk that stores data.
 

A. Read only	B. Optical	C. Magnetic	D. Laser
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- (vii) In computer, data/instructions flow in group of bits called \_\_\_\_\_
 

A. Words	B. Bits	C. Nibbles	D. Bytes
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- (viii) 1 kB is equal to \_\_\_\_\_
 

A. 1000 bytes	B. 2 <sup>10</sup> bytes	C. 2 <sup>10</sup> bits	D. 2 <sup>20</sup> bytes
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- (ix) Windows \_\_\_\_\_
 

A. have a GUI	B. is not an operating system
C. is a compiler	D. All of these
- (x) What is the function of dir \*.\*?
 

A. Lists all the files of extension.doc	B. Lists all the files
C. Lists all files of name sample	D. None of these
- (xi) Computer virus is simply a \_\_\_\_\_
 

A. Disease	B. Computer Code
C. Type of bacteria	D. Hardware component
- (xii) What does ENIAC stand for?
 

A. Electronic Numerical Integrator and Calculator
B. Electronic Numerical Integrator and Calculation
C. Electrical Numerical Integrator and Calculator
D. Electrical Numerical Integrator and Calculation

**For Examiner's use only:**

**Total Marks:**

**Marks Obtained:**





## COMPUTER SCIENCE SSC-I

Time allowed: 2:40 Hours

Total Marks Sections B and C: 43

NOTE:- Answer any nine parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

### SECTION – B (Marks 27)

- Q. 2 Answer any NINE parts. The answer to each part should not exceed 3 to 4 lines. (9 x 3 = 27)
- Briefly write the reasons for using computers in Banks?
  - What is compiler? How does it differ from an interpreter?
  - What is the difference between Low level and High level languages?
  - Differentiate between System Software and Application Software.
  - What is the difference between Computer Hardware and Software?
  - Write a short note on Computer Storage.
  - What is Port? Differentiate between Serial Port, Parallel Port and USB Port.
  - What is voice recognition software? (ix) What is Plotter?
  - Write briefly about the following DOS commands:  
a. SYS b. EDIT c. XCOPY
  - What is an Operating system? List important functions of operating system.
  - What is Windows Explorer? How can we start Windows Explorer?
  - How does a computer get a virus?

### SECTION – C (Marks 16)

Note: Attempt any TWO questions. Each question carries equal marks. (2 x 8 = 16)

- Q. 3 a. What is CPU? Describe its different units.  
b. What is Internet? Describe its importance in society.
- Q. 4 a. What is a System Bus? Differentiate between Data bus, Address bus and Control bus.  
b. What are Impact Printers? Also explain Dot-Matrix Printers and Daisy-Wheel Printers.
- Q. 5 a. What are the steps for shutting down and restarting Windows?  
b. What are the benefits of using anti-virus programs?

حصہ دوم (کل نمبر 27)

- سوال نمبر 2: مندرجہ ذیل میں سے کوئی سے نو (09) اجزاء کے تین سے چار سطروں تک محدود جوابات لکھیں۔ (۳×۹=۲۷)
- بینکوں میں کمپیوٹر کے استعمال کی وجوہات مختصراً تحریر کیجیے۔ (ii) Compiler کیا ہے؟ یہ Interpreter سے کیسے مختلف ہے؟
  - High Level اور Low Level لیکو و سٹیز میں کیا فرق ہے؟ (iii) Application Software اور System Software میں فرق تحریر کیجیے۔
  - Computer Hardware اور Software میں کیا فرق ہے؟ (iv)
  - Computer Storage پر مختصر نوٹ لکھیں۔ (v) Port کیا ہے؟ Serial Port, Parallel Port اور USB Port میں فرق تحریر کیجیے۔
  - Voice Recognition Software کیا ہے؟ (vi) Plotter کیا ہے؟
  - مندرجہ ذیل DOS Commands کے بارے میں مختصراً تحریر کیجیے: (vii) SYS ب۔ EDIT ج۔ XCOPY
  - Operating System کیا ہے؟ Operating System کے اہم فنکشنز (functions) تحریر کیجیے۔ (viii)
  - Windows Explorer کیا ہے؟ ہم Windows Explorer کو کیسے طارت کر سکتے ہیں؟ (ix)
  - کمپیوٹر میں وائرس کیسے آتا ہے؟ (x)

حصہ سوم (کل نمبر 16)

(کوئی سے دو سوال حل کیجیے۔ تمام سوالوں کے نمبر برابر ہیں)

- سوال نمبر 3: الف۔ CPU کیا ہے؟ اس کے مختلف یونٹس بیان کیجیے۔ ب۔ Internet کیا ہے؟ معاشرہ میں اس کی اہمیت بیان کیجیے۔
- سوال نمبر 4: الف۔ System Bus کیا ہے؟ Address Bus, Data Bus اور Control Bus میں فرق تحریر کیجیے۔ ب۔ Impact Printers کیا ہیں؟ نیز Dot-Matrix Printer اور Daisy-Wheel Printers کی وضاحت کیجیے۔
- سوال نمبر 5: الف۔ Windows کو shut down اور restart کیسے کیا جاتا ہے؟ ب۔ Anti-virus پروگرام کو استعمال کرنے کے کیا فوائد ہیں؟





Roll No.

Answer Sheet No. \_\_\_\_\_

Sig. of Candidate. \_\_\_\_\_

Sig. of Invigilator. \_\_\_\_\_

**ENGLISH COMPULSORY SSC-I**

**SECTION – A (Marks 15)**

**Time allowed: 20 Minutes**

**NOTE:- Section-A is compulsory. All parts of this section are to be answered on the question paper itself. It should be completed in the first 20 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.**

**Q. 1 Circle the correct option i.e. A / B / C / D. Each part carries one mark.**

- (i) Road accidents are mostly caused by \_\_\_\_\_  
A. Traffic police B. Animals C. People D. Speed breakers
- (ii) Who is the poet of poem "Truth—the Best"?  
A. William Wordsworth B. Leigh Hunt  
C. Thomas Millar D. Elizabeth Turner
- (iii) "This was a glorious achievement". What is the meaning of the underlined word?  
A. Famous B. Splendid C. Smooth D. Justice
- (iv) "He is famous for his justice". What is the underlined word in grammar?  
A. An adjective B. A noun C. A verb D. An adverb
- (v) In the poem "Truth—the Best" when Rebecca broke a china basin, what was the reaction of her mother?  
A. She became angry B. She praised her  
C. She punished her D. She forgave her
- (vi) "It had been raining for five hours". What tense is it?  
A. Past Perfect B. Present Perfect  
C. Present Perfect Continuous D. Past Perfect Continuous
- (vii) Which of the following sentences is **CORRECT**?  
A. He was married with Rehana. B. He was married to Rehana.  
C. He was married from Rehana. D. He was married by Rehana.
- (viii) The prisoners of the battle of Badr were asked to \_\_\_\_\_  
A. Do business B. Teach the children of the Muslims  
C. Construct buildings D. None of these
- (ix) What are the essential features of human activity?  
A. Exercises B. Speech C. Sports D. Plays
- (x) Who was blamed for the negligence of "Fatima Park" by the women?  
A. District Nazim B. Deputy Commissioner  
C. RDA D. Municipal Authorities
- (xi) What day does the Christian calendar (Gregorian calendar) start on?  
A. 1st January B. 1st December C. 1st April D. 1st June
- (xii) What profession does an editor belong to?  
A. Agriculture B. Journalism C. Films D. Medical
- (xiii) If it is necessary to brand an animal, where on its body should it be branded?  
A. Legs B. Ears C. Neck D. Back
- (xiv) Which of the following words is **NOT** synonym to the word ERADICATE?  
A. Remove B. Flourish C. Destroy D. Uproot
- (xv) Choose the correct spelling.  
A. Enviorment B. Envirement C. Invironment D. Environment

**For Examiner's use only:**

**Total Marks:**

**Marks Obtained:**

— 1SA-1001 (L) —



## ENGLISH COMPULSORY SSC-I

Time allowed: 2:40 Hours

Total Marks Sections B and C: 60

NOTE:- Answer all the questions from Section 'B' and 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

### SECTION – B (Marks 39)

Q. 2 Answer any SIX of the following parts in about 30 to 40 words each. Each part carries 3 marks. (6 x 3 = 18)

- What was the behaviour of the Arabs with women before the advent of Islam?
- What are the characteristics of a good ruler? (Refer to the lesson "The Chinese Wisdom")
- Describe the difference between rural and urban life.
- How can a driver avoid road accidents?
- What title was given to Hazrat Khalid bin Waleed (R.A) by Hazrat Muhamamd (PBUH) and why?
- What is the importance of rain for our life?
- How can you save nature in its original form?
- What is the importance of extra-curricular activities in our lives?

Q. 3 A. Paraphrase any ONE of the following stanzas: (03)

- |   |  |
|---|--|
| (i) Yet, of the dark I have no fear,<br>But feel as safe as when it's light;<br>For I know God is with me there,<br>And He will guard me through the night. | (ii) For oft when on my couch I lie,<br>In vacant or in pensive mood,<br>They flash upon that inward eye,<br>Which is the bliss of solitude; |
|---|--|

B. Read the following stanza carefully and answer the questions given at the end: (06)

And with a look made of all sweet accord,  
Answer'd, 'The names of those who love the Lord',  
'And is mine one?' said Abou. 'Nay, not so',  
Replied the angel.

**Questions:**

- What is the significance of the stanza?
- What did Abou ask the angel?
- Which poem have these lines been taken from?

Q. 4 Change the voice of any FOUR of the following sentences: (04)

- |                                     |   |
|-------------------------------------|---|
| (i) The farmer kills a snake.       | (ii) Open the door.                           |
| (iii) Did you visit the zoo?        | (iv) The thief is being caught by the police. |
| (v) She has not beaten the dog.     | (vi) Will the officer warn the peon?          |
| (vii) Who was knocking at the door? |   |

Q. 5 Use any FOUR of the following phrasal verbs in sentences: (04)

- |                |                 |                |                 |
|----------------|-----------------|----------------|-----------------|
| (i) Break into | (ii) Come off   | (iii) Give up  | (iv) Do without |
| (v) Make up    | (vi) Look after | (vii) Take for |                 |

Q. 6 Punctuate and capitalize the following para/line(s): (04)

suddenly a voice came from the dining table one fine day today we shall take hamid to the liberty market

### SECTION – C (Marks 21)

Q. 7 Write a letter to your friend condoling the death of his father. (08)

-OR-

Write a letter to your sister thanking her for a gift.

Q. 8 Write a paragraph of about 50 to 70 words on "The Role of Games in Our Life" with the help of the following word bank: (08)

necessary part—improve health—compete—discipline—sound body—sound mind—teenagers—self control  
mentally alert—courage

Q. 9 Translate any FIVE of the following sentences into English: (05)

- اس نے دریا میں تھلا لگا دی۔
- خدا ان کی مدد کرتا ہے جو ہماری مدد آپ کرتے ہیں۔
- کیا وہ ایک گھنٹہ سے دروازے پر دستک دے رہا ہے؟
- آپ نے میری تجویز منظور نہ کی۔
- وہ کبھی جھوٹ نہیں بولے گا۔
- وہ اچھی کتابیں پڑھتا ہے۔
- وہ مسکرا رہی ہے۔

-OR-

Write a dialogue between the teacher and the student who reaches school late.



Roll No.

Answer Sheet No.

Sig. of Candidate.

Sig. of Invigilator.

## ISLAMIYAT (COMPULSORY) SSC-I

### SECTION – A (Marks 15)

Time allowed: 20 Minutes

**NOTE:-** Section-A is compulsory. All parts of this section are to be answered on the question paper itself. It should be completed in the first 20 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

**Q. 1** Circle the correct option i.e. A / B / C / D. Each part carries one mark.

- (i) What does **مِرْءَاةٌ مُنِيرَةٌ** mean?  
 A. Lamp that gives light B. Pretty  
 C. Courageous D. Clapping
- (ii) What does **أَنْعَالَ** mean?  
 A. Victory B. Trade goods  
 C. Household articles D. Booty
- (iii) What does **الْمُتَّقِينَ** mean?  
 A. The securers B. The fearers  
 C. Those who give profit D. Those who forbid
- (iv) What does **مُطَوَّرًا** mean?  
 A. Hidden B. Rejected C. Written D. Erased
- (v) How many ways are there to express thanks (**شُكْرٌ**) of Allah?  
 A. Four B. Five C. Three D. Seven
- (vi) Which surah has the given verse been taken from **وَأَعْلَمُوا أَنَّ اللَّهَ يَحْكُمُ بَيْنَ الْمَرْءِ وَقَلْبِهِ** ?  
 A. Al-Anfal B. Al-Ahzaab C. Al-Baqarah D. Al-Mumtahanah
- (vii) How many verses are there in surah Al-Anfal?  
 A. 73 B. 75 C. 13 D. 70
- (viii) 'Cleanliness is a part of faith'. The given statement is a \_\_\_\_\_  
 A. Verse B. Hadith  
 C. Saying of Hazrat Ali (RA) D. Saying of Hazrat Abu Bakr (RA)
- (ix) Which battle has been called The Day of Discrimination (**يَوْمَ الْفُرْقَانِ**)?  
 A. Battle of Uhad B. Battle of Badr  
 C. Battle of Khandiq D. Battle of Khyber
- (x) The literal meaning of Zakat is \_\_\_\_\_  
 A. To cheat B. To love people C. To give charity D. Purification
- (xi) What does **أَبْرَابٍ** mean?  
 A. The clans B. Trench C. Family D. War tools
- (xii) Which of the following Prophets has been called **نَبِيٌّ مِّنْ أَلَمِّ** in the Holy Quran?  
 A. Hazrat Ayub (AS) B. Hazrat Dawood (AS)  
 C. Hazrat Ibrahim (AS) D. Hazrat Nuh (AS)
- (xiii) According to Surah-al-Furqan what type of Jihad has been termed as (**جِهَادٌ كَبِيرًا**) "Jihaadan kabeeraa"?  
 A. Jihad bil-Nafs B. Jihad through knowledge  
 C. Jihad bil-Mal D. None of these
- (xiv) In Surah Al-Mumtahanah, which of the following women have been asked to be examined?  
 A. Non-believer women B. Polytheistic women  
 C. Ansari women D. Fugitive believing women
- (xv) In how many years did the Holy Quran reveal?  
 A. About 23 years B. About 24 years  
 C. About 25 years D. About 26 years

For Examiner's use only:

Total Marks:

15

Marks Obtained:



## ISLAMIYAT (COMPULSORY) SSC-I

Time allowed: 2:40 Hours

Total Marks Sections B and C: 60

NOTE:- Answer all the questions from Section 'B' and any two questions from Section 'C' on separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

### SECTION – B (Marks 38)

Q. 2 a. Translate any TWO of the following Quranic Verses:- ( 2 x 4 = 8 )

إِنْ كُنْتُمْ تُرِيدُونَ الْحَيَاةَ الدُّنْيَا وَزِينَتَهَا فَتَعَالَيْنْ أُمَتِّعْكُنَّ وَأُسَرِّحْكُنَّ سَرَاحًا جَمِيلًا ۝ (i)

إِنْ يَتَفَقَّهُكُمْ يَكُونُوا لَكُمْ أَعْدَاءً وَيَسْطُرُوا إِلَيْكُمْ أَيْدِيَهُمْ وَالسَّيِّئَاتُ لَهُمْ سَوَاءٌ وَوَدُّوا لَوْ تَكْفُرُونَ ۝ ط (ii)

وَلَوْ تَرَى إِذِ اتَّوَقَّى الَّذِينَ كَفَرُوا الْمَلَائِكَةَ يَصْرِيحُونَ وَجُوهَهُمْ وَأَدْبَارَهُمْ ج وَدُفُّوا عَذَابَ الْحَرِيقِ ۝ (iii)

b. In the Quranic Verses and their translation given below write in detail the meanings of any FOUR the underlined words:- ( 4 x 2 = 8 )

وَأَذِيعُكُمْ بِكَ الَّذِينَ كَفَرُوا يُؤْتُونَكَ أَوْ يَقْتُلُونَكَ أَوْ يُخْرِجُونَكَ ط وَيَمْكُرُونَ وَيَمْكُرُ اللَّهُ ط (i)

**Translation:**

(O Muhammad! Remember) when the disbelievers were plotting against you to imprison you or to slay you or to drive you forth, they were plotting, but Allah (also) was plotting.

وَالَّذِينَ يُؤْذُونَ الْمُؤْمِنِينَ وَالْمُؤْمِنَاتِ بَغْيٍ مَا كَتَبْنَا لَهُمْ أَنْ يَكْتُمُوا ۝ (ii)

**Translation:**

And those who annoy believing men and believing women for that which they have not done, they bear the guilt of slander and a manifest (open) sin.

c. Write short answers to any SIX of the following questions:- ( 6 x 2 = 12 )

- Why did Allah not punish the infidels though they had asked Allah to accord punishment to them?
- What instruction about sending blessings on the Holy Prophet (PBUH) has been given to the believers in surah Al-Ahzaab?
- In surah Al-Mumtahanah which good pattern of Hazrat Ibrahim (AS) has Allah asked the Muslims to follow?
- Explain the word "Ehsan".
- Write the two happiness that are blessed to those who observe fast.
- In surah Al-Ahzaab what instructions about veil has Allah given to the Muslim women and what is the wisdom behind these instructions?
- What did the Holy Prophet (PBUH) say about talking during "Friday address"?

Q. 3 Translate and explain any TWO of the given Ahadith and describe how they are related to our practical life:- ( 2 x 5 = 10 )

خَيْرُكُمْ مَنْ تَعَلَّمَ الْقُرْآنَ وَعَلَّمَهُ. (i)

مَنْ نَصَرَ قَوْمَهُ عَلَى غَيْرِ الْحَقِّ فَهُوَ كَالْبَعِيرِ الَّذِي رَدَى فَهُوَ يُنْرَعُ بِدَنْبِهِ. (ii)

كُلُّكُمْ رَاعٍ وَكُلُّكُمْ مَسْئُولٌ عَنْ رَعِيَّتِهِ. (iii)

### SECTION – C (Marks 22)

Note:- Attempt any TWO questions. Each question carries equal marks. ( 2 x 11 = 22 )

- What does Purification (طهارة) mean? Write a brief note on Purification in the light of Quran and Hadith. Also write the benefits of Purification. (2+5+4=11)
- What is meant by Jihad? Write in detail about the types of Jihad. (5+6=11)
- Write a comprehensive note on the Introduction, preservation and merits of the Holy Quran. (11)



Roll No.

Sig. of Candidate. \_\_\_\_\_

Answer Sheet No. \_\_\_\_\_

Sig. of Invigilator. \_\_\_\_\_

## MATHEMATICS SSC-I

### SECTION - A (Marks 15)

Time allowed: 20 Minutes

**NOTE:-** Section-A is compulsory. All parts of this section are to be answered on the question paper itself. It should be completed in the first 20 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

- Q. 1** Circle the correct option i.e. A/B/C/D. Each part carries one mark.
- (i)  $\{\dots, -2, -1, 0, 1, 2, \dots\}$  can be written \_\_\_\_\_ in set builder notation.  
 A.  $\{x : x \in R\}$     B.  $\{x : x \in W\}$     C.  $\{x | x \in Z\}$     D.  $\{x | x \in Z \wedge -2 < x < 2\}$
  - (ii) The Range of  $R = \{(1, 0), (2, 1), (4, 3)\}$  is \_\_\_\_\_.  
 A.  $\{2, 3, 4\}$     B.  $\{0, 1, 3\}$     C.  $\{1, 2, 3\}$     D.  $\{1, 2, 4\}$
  - (iii) On  $x$ -axis, the  $y$ -coordinate of every point is \_\_\_\_\_.  
 A. Zero    B. One    C. Two    D. None of these
  - (iv) The multiplicative inverse of  $\frac{-\sqrt{7}}{2}$  is \_\_\_\_\_.  
 A.  $\frac{-\sqrt{7}}{2}$     B.  $\frac{\sqrt{7}}{2}$     C.  $\frac{-2}{\sqrt{7}}$     D.  $\frac{2}{\sqrt{7}}$
  - (v)  $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix} \begin{bmatrix} 1 & 3 \\ 2 & 2 \end{bmatrix} =$  \_\_\_\_\_.  
 A.  $\begin{bmatrix} 1 & 0 \\ 0 & 1 \end{bmatrix}$     B.  $\begin{bmatrix} 1 & 3 \\ 2 & 2 \end{bmatrix}$     C.  $\begin{bmatrix} 1 & 3 \\ 0 & 2 \end{bmatrix}$     D.  $\begin{bmatrix} 1 & 0 \\ 2 & 1 \end{bmatrix}$
  - (vi) If  $AA^{-1} = I$ , then  $A^{-1}$  is the \_\_\_\_\_ of matrix  $A$ .  
 A. Multiplicative Inverse    B. Additive Inverse  
 C. Adjoint    D. Additive Identity
  - (vii) Sum of the measures of the interior angles of a triangle is \_\_\_\_\_.  
 A.  $90^\circ$     B.  $105^\circ$     C.  $180^\circ$     D.  $360^\circ$
  - (viii) The diagonals of a parallelogram \_\_\_\_\_ each other.  
 A. Congruent    B. Bisect    C. Trisect    D. Bisect at right angles
  - (ix) The lines which bisect the sides of a triangle perpendicularly are called \_\_\_\_\_.  
 A. Medians    B. Altitudes  
 C. Perpendicular bisectors    D. Bisectors of segments
  - (x)  $(4^3)^2 =$  \_\_\_\_\_.  
 A.  $4^8$     B.  $4^9$     C.  $4^6$     D. 4
  - (xi) The base of the common logarithm is \_\_\_\_\_.  
 A. 10    B. 1    C.  $e$     D. 2
  - (xii)  $4x^3y^2 + 3$  is a polynomial of degree \_\_\_\_\_.  
 A. 3    B. 2    C. 4    D. 5
  - (xiii)  $(2a + 3b)(4a^2 - 6ab + 9b^2) =$  \_\_\_\_\_.  
 A.  $8a^3 - 27b^3$     B.  $8a^3 + 27b^3$     C.  $4a^2 + 9b^2$     D.  $4a^2 - 9b^2$
  - (xiv) Right bisector of a line-segment is \_\_\_\_\_.  
 A. Not unique    B. Congruent to side  
 C.  $\frac{1}{2}$  of the side    D. Unique
  - (xv)  $CUC^C =$  \_\_\_\_\_.  
 A.  $C$     B.  $C^C$     C.  $\{\}$     D.  $U$

For Examiner's use only:

Total Marks: 15

Marks Obtained:



## MATHEMATICS SSC-I

Time allowed: 2:40 Hours

Total Marks Sections B and C: 60

NOTE:- Answer any twelve parts from Section 'B' and attempt any three questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

### SECTION - B (Marks 36)

Q. 2 Attempt any TWELVE parts. All parts carry equal marks. ( 12 x 3 = 36 )

- (i) If  $P = \{x \mid x \in Z \wedge -3 < x < 1\}$  and  $R = \{x \mid x \in W \wedge 5 \leq x \leq 7\}$  then find  $R \times P$
- (ii) If  $A = \{1, 2, 3, 5, 7\}$ ,  $B = \{2, 4, 6\}$  and  $C = \{2, 5, 9\}$  then show that  $(A \cup B) \cup C = A \cup (B \cup C)$
- (iii) If  $\frac{1}{x} = 2 + \sqrt{3}$  find the value of  $x^2 - \frac{1}{x^2}$
- (iv) Simplify  $\frac{4^{3m+3n+2} \times 10^{2n} \times 9^{n+1}}{15^{2n+2} \times 2^{2n} \times 8^{2m+2n+1}}$
- (v) Evaluate  $\frac{2.38 \times 3.901}{4.83}$  with the help of logarithms.
- (vi) For what value of  $m$  is  $x - 5$  a factor of the polynomial  $6x^3 - 5x^2 - 16x + m$
- (vii) Use formula to find the product  $(\sqrt{x} + \sqrt{y})(\sqrt{x} - \sqrt{y})(x + y)$
- (viii) If  $P(y) = \frac{1}{2y^3} + 2y^2 - 1$  find  $P(-2)$
- (ix) Factorize  $x^4 - 2x^3 + 2x - 1$
- (x) Factorize  $1 - 64 \frac{p^3}{q^3}$
- (xi) Find the L.C.M. of  $(a^3 + 1)$ ,  $(a^4 + a^2 + 1)$  and  $(a^2 + a + 1)^2$
- (xii) Simplify  $\frac{a+b}{a^2+ab+b^2} + \frac{1}{a-b} - \frac{ab}{a^3-b^3}$
- (xiii) Find the solution set of  $2x - 5y = 1$  and  $3x + 4y = 36$  by using Cramer's rule.
- (xiv) If  $A = \begin{bmatrix} 2 & 0 \\ 1 & 5 \end{bmatrix}$  and  $B = \begin{bmatrix} 1 & 0 \\ 2 & k \end{bmatrix}$  then find the value of  $k$  such that  $AB = BA$
- (xv) Find the square root of  $\left(x^2 + \frac{1}{x^2}\right) + 10\left(x + \frac{1}{x}\right) + 27$ ,  $x \neq 0$
- (xvi) Write  $\log \frac{\sqrt{24.42}}{\sqrt[3]{222.2}}$  in the form of sum or difference of logarithms.
- (xvii) Find the H.C.F. of  $x^3 + 6x^2 + 11x + 6$  and  $x^3 + 9x^2 + 27x + 27$  by division method.
- (xviii) Factorize  $27l^3 - 8m^3 - 72lm - 64$

### SECTION - C (Marks 24)

Note:- Attempt any THREE questions. All questions carry equal marks. ( 3 x 8 = 24 )

- Q. 3 If two angles of a triangle are congruent, then the sides opposite to them are also congruent. Prove.
- Q. 4 The line segment that joins the mid-points of two sides of a triangle is parallel to the third side and is equal to one half of its length. Prove.
- Q. 5 Prove that if in any correspondence of two triangles, two angles and one side of a triangle are congruent to the corresponding two angles and one side of the other, the triangles are congruent.
- Q. 6 Draw medians of  $\triangle XYZ$  in which  $m\angle Y = 45^\circ$ ,  $m\angle X = 60^\circ$  and  $XY = 6.3 \text{ cm}$

2010



Roll No.

Answer Sheet No. \_\_\_\_\_

Sig. of Candidate. \_\_\_\_\_

Sig. of Invigilator. \_\_\_\_\_

**PHYSICS SSC-I**  
**SECTION – A (Marks 12)**

**Time allowed: 20 Minutes**

**NOTE:-** Section–A is compulsory. All parts of this section are to be answered on the question paper itself. It should be completed in the first 20 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

**Q. 1** Circle the correct option i.e. A / B / C / D. Each part carries one mark.

- (i) Which of the following is a derived unit?  
A. Second      B. Metre      C. Kilogram      D. Newton
- (ii) The matter of the Sun is in \_\_\_\_\_ state.  
A. Solid      B. Gas      C. Plasma      D. Liquid
- (iii) What is the distance of the moon from the earth?  
A.  $1.5 \times 10^{13} \text{ m}$       B.  $3.8 \times 10^8 \text{ m}$       C.  $4.3 \times 10^{10} \text{ m}$       D.  $2.0 \times 10^{22} \text{ m}$
- (iv) The flight of a butterfly is an example of \_\_\_\_\_.  
A. Linear Motion      B. Circular Motion  
C. Random Motion      D. Rotatory Motion
- (v) What is the value of gravitational acceleration?  
A.  $980 \text{ ms}^{-2}$       B.  $9.8 \text{ ms}^{-2}$       C.  $98 \text{ ms}^{-2}$       D.  $0.98 \text{ ms}^{-2}$
- (vi) A ball is dropped from the top of the tower. What is the distance covered by it in the first second?  
A. 100 Metre      B. 10 Metre      C. 50 Metre      D. 5 Metre
- (vii) What is the value of  $\sin 30^\circ$  ?  
A.  $\frac{\sqrt{3}}{2}$       B.  $\frac{1}{\sqrt{3}}$       C.  $\frac{1}{2}$       D.  $\frac{1}{\sqrt{2}}$
- (viii) What is the unit of torque, in the system of international unit?  
A. Newton second      B. Newton  
C. Newton metre      D. Newton per second
- (ix) Rate of doing work with respect to time is called:  
A. Force      B. Power      C. Energy      D. Work
- (x) What is the Mechanical Advantage of Single Movable Pulley?  
A. 1      B. 2      C. 3      D. 4
- (xi) When water changes into ice, what happens with it?  
A. Contracts      B. Expands      C. Become dense      D. Remain same
- (xii) Which material is better for insulation?  
A. Glass      B. Brass      C. Air      D. Fibre glass

**For Examiner's use only:**

**Total Marks:**

12

**Marks Obtained:**

— 1SA-1007 (L) —

2020



## PHYSICS SSC-I

Time allowed: 2:40 Hours

Total Marks Sections B and C: 53

**NOTE:-** Answer any eleven parts from Section 'B' and any two questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

### SECTION – B (Marks 33)

**Q. 2** Answer any ELEVEN parts. The answer to each part should not exceed 3 to 4 lines. (11 x 3 = 33)

- (i) Define Nuclear Physics, Geo Physics and Plasma Physics.
- (ii) What is Personal Error? How are the Personal error and Random error minimized?
- (iii) Differentiate between Speed and Velocity.
- (iv) State Newton's First law of motion. Why is this first law of motion also known as law of inertia?
- (v) What causes friction between the two surfaces?
- (vi) Under what condition the distance and displacement between two points will be equal?
- (vii) What is Centrifuge? What is its function?
- (viii) What do you know about Interconversion of Kinetic Energy and Potential Energy of free falling bodies?
- (ix) What is lever? State the principle of lever.
- (x) While constructing bridges, one end of the beam is placed on rollers. Why?
- (xi) Define Latent Heat of Fusion and Latent Heat of Vaporization.
- (xii) State the Right Hand Rule.
- (xiii) Define Stress and Pressure.
- (xiv) A body moves along a straight line from rest with an acceleration of  $2 \text{ ms}^{-2}$ . Calculate the time taken by it to cover a distance of  $100 \text{ m}$ .
- (xv) Television announced  $30^\circ \text{C}$  temperature of Lahore. How much this temperature be in Fahrenheit and Kelvin Scales?

### SECTION – C (Marks 20)

**Note:** Attempt any TWO questions. All questions carry equal marks. (2 x 10 = 20)

- Q. 3**
- a. State and prove the law of conservation of Momentum with one example. 1+4
  - b. Prove that  $S = v_1 t + \frac{1}{2} a t^2$  03
  - c. A car is moving with an acceleration of  $4 \text{ ms}^{-2}$ . If its velocity at a certain instant is  $10 \text{ ms}^{-1}$ , then determine how much distance it will cover in the next 5 seconds. 02
- Q. 4**
- a. What is meant by resolution of vectors? How will you find rectangular components, magnitude and direction of resultant vector? 1+5
  - b. A man pulls a car with a force of  $70 \text{ N}$  making an angle of  $30^\circ$  with the horizontal direction. Find out the  $x$  and  $y$  components of this force. 03
  - c. Define Equilibrium. 01
- Q. 5**
- a. State and prove the Archimedes principle. 1+5
  - b. Define volume expansion and prove that  $V_2 = V_1 [1 + \beta(T_2 - T_1)]$  03
  - c. Define Radiation. 01

— 1SA-1007 (L) —







وقت: 2:40 گھنٹے

## اردو (لازمی) - ایس ایس سی - I

کل نمبر حصہ دوم اور سوم 60

### حصہ دوم (کل نمبر 34)

سوال نمبر ۲: الف: نصابی کتاب کی روشنی میں مندرجہ ذیل سوالات میں سے بارہ (۱۲) اجزاء کے تین سے چار سطروں تک محدود جوابات لکھیں۔ (۲۳=۲×۱۲)

- (i) - ہمسایوں کے حقوق کے متعلق نبی کریمؐ نے کیا ارشاد فرمایا؟
- (ii) لوگ "خادم خلق" کی سلامتی کے لئے کیوں دعا مانگ رہے تھے؟
- (iii) سیتق "سفارش طلب" سے کیا اخلاقی سبق حاصل ہوتا ہے؟
- (iv) ٹوکیو میں ٹیکسی پسنر کرتے ہوئے کیا خطرات لاحق ہوتے ہیں؟
- (v) مولوی عبدالحق انجمن کے لئے چند مانگنے جاتے تو کیا محسوس کرتے تھے؟
- (vi) حضرت امّ عمارہؓ کی بہادری کا کوئی واقعہ لکھیے۔
- (vii) نظم "تعمیر چین" کا مرکزی خیال تحریر کیجیے۔
- (viii) "جرم پس دیوار، خدا دیکھ رہا ہے" کی وضاحت کیجیے۔
- (ix) نظم "کھڑاؤں" کا مرکزی خیال لکھیے۔
- (x) نظم "وصال" میں "گھڑاؤنا" سے کیا مراد ہے؟
- (xi) میر کی غزل میں درد و غم اور اشک نشانی کی بنیادی وجہ کیا ہے؟
- (xii) شاعر حسرت موہانی نے ہر بات میں کس کی خوشی کا خیال رکھا؟
- (xiii) گلبرگ ادا بادی کی زبان پر "شکوہ اہل تم" کیوں نہیں؟ وضاحت کیجیے۔
- (xiv) "ہم گردشِ دوراں سے بڑی چال چلے ہیں" ادا جعفری کے نقطہ نظر سے وضاحت کیجیے۔

ب: درج ذیل سوالات میں سے کوئی سے پانچ سوالات (اجزاء) حل کیجیے: (۱۰=۲×۵)

- (i) جملہ بنا کر تذکرہ و تائید واضح کیجیے: الف - ناک ب - حوض
- (ii) متضاد لکھیں: الف - عارضی ب - شام
- (iii) مترادف لکھیں: الف - سلوک ب - فراخ
- (iv) درج ذیل محاورات کو جملوں میں اس طرح استعمال کریں کہ معنی واضح ہو جائیں:
- الف - آفت ٹوٹ پڑنا ب - ہاتھ پہ ہاتھ رکھ کر بیٹھنا
- (v) "واوی دلکش ہے" کی ترکیب نحوی کیجیے۔
- (vi) "مقطع" کی تعریف کیجیے اور ایک مثال بھی دیں۔

حصہ سوم (کل نمبر 26)

(۶=۳+۱+۱/۲+۱/۲)

مصنف، سبق اور اس کے متن کا مختصر حوالہ دیتے ہوئے کسی ایک نثر پارے کی تشریح کیجیے:

سوال نمبر ۲۔ الف  
وہ جوان بہت بوڑھا ایسا شہ زور تھا کہ شیر کی طرح سیدھا بڑھتا آیا۔ گو میرے پیچھے پانی میں پاؤں ڈالا تھا لیکن مجھ سے پہلے پہنچا اور ایک ڈوبتے کو سہارا دیا۔ میں بھی زور لگا کر پہنچا۔ دوسرے کو میں نے بچایا۔ اب ہم نئے ساحل چلے۔ راحت و آرام کے حصول میں میں دریا بادل تھا۔ روپے پیسے کو اس کے لیے پانی کی طرح بہاتا تھا لیکن اس وقت مجھے اطمینان قلب نصیب تھا اور ایسی جی خوشی حاصل تھی کہ دولت دنیا دے کر مہسرتا آسکتی تھی۔ میں دفن و مسرت میں کہنے لگا ”گل نواز ساحل پر پہنچ لیں۔ تجھ کو اتنی دولتوں کا کہ تیری اولاد بیٹھی کھائے گی۔“ یہ سن کر وہ رو دیا۔ اسے دیکھ کر میں آبدیدہ ہو گیا۔

ب۔ چھوٹی عمر راستے سے بے خبر، پکڑے جانے کا خوف، کب پریشانی کا عالم تھا۔ آخر بہ ہزار وقت صبح ہوتے ہوتے میرٹھ سے تین چار لوگوں کے فاصلے پر پہنچ گئے۔ سامنے گاؤں تھا۔ وہاں جا کر ایک مسجد میں ٹھہر گئے۔ مٹا صاحب نے سوالات کیے: ”تو کون ہے، کہاں سے آیا ہے؟ کہاں جانے گا؟“ ماہ عالم نے ان کو باتوں ہی باتوں میں نالا۔ یہاں ایک فقیر بھی ٹھہرے ہوئے تھے۔ انھوں نے جو ماہ عالم کی شریفانہ صورت دیکھی تو محبت سے پاس بلایا اور رات کی بچی ہوئی روٹی سامنے رکھی۔ ماہ عالم نے شاہ صاحب کو ہمدرد پا کر اپنی مصیبت کی داستان اول سے آخر تک کہ سنائی۔

(۵=۲+۲+۱/۲+۱/۲)

شاعر اور نظم کا حوالہ دیتے ہوئے کسی ایک نظم پارے کی تشریح کیجیے:

الف۔ تری صنعت کے سانچے میں ڈھلا ہے پیکر ہستی  
سمو یا اپنے ہاتھوں سے مزاج جسم و جاں ٹونے  
نہیں موقوف خدائی تری اس ایک دنیا پر  
کیے ہیں ایسے ایسے ٹیکڑوں پیدا جہاں ٹونے  
جتنی جتنی پر چمن کی جان چھڑکو دوستو  
رات دن خدمات ارباب چمن کرتے رہو  
آندھیوں کا کیا بھروسا، کیا بگولوں کا یقیں  
روز اونچی اپنی دیوار چمن کرتے رہو

(۵=۲+۲+۱)

شاعر کا حوالہ دیتے ہوئے کسی ایک غزلیہ جزوی تشریح کیجیے:

الف۔ لگتا نہیں ہے دل مرا اُڑے دیار میں  
کس کی بنی ہے عالم نا پائدار میں  
عمر دراز مانگ کے لائے تھے چار دن  
دو آرزو میں کٹ گئے دو انتظار میں  
یہ فخر تو حاصل ہے، بُرے ہیں کہ بھلے ہیں  
دو چار قدم ہم بھی ترے ساتھ چلے ہیں  
جنا تو چراغوں کا مقدر ہے ازل سے  
یہ دل کے کنول ہیں کہ بچھے ہیں نہ چلے ہیں

(۵)

اپنے بیرون وطن مقیم دوست کو خط لکھے اور اپنی تہذیب نیز اپنے وطن کی مٹی سے محبت کا پیغام دیجیے۔

(۵)

دو دوستوں کے درمیان ”استحان میں نقل کے درمیان“ پر ایک مکالمہ تحریر کیجیے۔ (یا)

مندرجہ ذیل اقتباس کو غور سے پڑھیے اور آخر میں دیے گئے سوالات کے جوابات اپنے الفاظ میں دیجیے:

بدلتے ادوار کے ساتھ پُرانے الفاظ اور پُرانے نشانات بھی مٹتے جاتے ہیں۔ پھر چند لوگ ماضی کے کباڑ خانے سے اُن موتیوں کو تلاش کرتے رہتے ہیں تاکہ حال، ماضی سے جڑا رہے، مگر علامہ محمد اقبال کا قوم کے نام پیغام کبھی پرانا یا بوسیدہ نہیں ہو سکتا۔ اقبال کی شاعری آفاقی اور عالمگیر حیثیت رکھتی ہے، یہ زمان و مکان کی قید سے آزاد ہے یعنی ہر زمانے اور ہر نسل کے مسلمانوں کے لیے ہمیشہ زندہ ہے۔ اقبال نے خصوصی طور پر نوجوان نسل کی بیداری پر توجہ دی، ”شاہین“ اور ”مرد مومن“ جیسی تشبیہات نوجوانوں کے لیے تخلیق کیں۔ اقبال ہی وہ عظیم الشان شاعر ہیں جس نے مسلمانوں کو عزت نفس کا درس دینے کے لیے ”خودی“ کا تصور پیش کیا۔ غلام ذہنیت کے خاتمے کے لیے یہی تصویر ایک عمدہ علاج کی حیثیت رکھتا ہے۔

سوالات۔ (i)۔ علامہ اقبال کا پیغام بوسیدہ یا پرانا کیوں نہیں ہو سکتا؟ (ii) اقبال کی شاعری کے ”زمان و مکان سے آزاد“ ہونے سے کیا مراد ہے؟

(iii) اقبال نے نوجوان نسل کے لیے کس قسم کی تشبیہات استعمال کیں؟ (iv) ”خودی“ کے تصور سے کیا مراد ہے؟

(v) اقبال نے ”غلام ذہنیت“ کے خاتمے کے لیے کیا علاج تجویز کیا؟