Class 6 – ENGLISH

Use Capital/Block Letters.

<table>
<thead>
<tr>
<th>Name:</th>
<th>Father’s Name:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**GENDER**

Please tick ☐ one

- Male ☐
- Female ☐

---

**Model Paper for SBSP-QAT Academic Development Unit**

<table>
<thead>
<tr>
<th>Total Marks: 40</th>
<th>Total Time: 1 HOUR</th>
</tr>
</thead>
<tbody>
<tr>
<td>(For Office Use only)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Section - I</th>
<th>Section – II</th>
<th>Section - III</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

ضروری بذاعت

1- ایک انسان صرف متقاضی گنی ہے یا تیزی کرنے والا گریزی کے بھی بڑے فرد علی کتبین ۔

2- غذاہ (Male) و اور غذاہات (Female) کے لئے غذائی کتبین ۔

3- موال کل کرنے سے پہلے دیگ بذاعت فرم سے ہادی لین ۔

4- موال میں کرنے سے پہلے دیگ بذاعت فرم سے ہادی لین ۔

5- اسکولی مک تیار غذاہات کے یاں کل کی درخواستون کے غذا کے کیس غذائی کتبین جوہا پانی ہے ۔

6- موال میں کرنے سے پہلے دیگ بذاعت فرم سے ہادی لین ۔

7- کجی غذاہات کے اسکولی مک تیار کریں۔ صرف 6 یا 7 ایک بذاعت جال پائیں۔ ایک ایک کتبین کا استعمال کریں ۔

8- کئی بذاعت بذاعت کی طرف سے منکار گئے غذاہات نیلا تصور ہوں ۔

9- مقرر دو فتن کے غذائی کتبین ایک بہت دیگ ہے گا ۔

10- مصدقیت سے غذائی کتبین ویلے آپ کا کچھ کئی بذاعت جال پانی ۔

11- موال کا مقرر دو فتن کا اسکولی مک تیار کریں۔

12- صرف غذائی کتبین اسکولی مک تیار کریں۔

---

P U N J A B
EDUCATION FOUNDATION
SECTION - I

Q. No. 1. Encircle the correct answer from the following choices. (15 x 1 = 15)

1. Meaning of “Argument” is:

(a) speaking          (b) quarrel
(c) harsh             (d) discussion

2. Which of the following is not the synonym of “trash”?

(a) litter           (b) waste
(c) garbage         (d) extra

3. Choose the correct punctuated sentence:

(a) India, pakistan, China and Singapore are Asian countries.
(b) India, Pakistan, china and singapore are Asian countries.
(c) India, Pakistan, China, Singapore are Asian countries.
(d) India, Pakistan, China and Singapore are Asian countries.

4. Choose the sentence with correct use of an article:

(a) Children have been waiting for the hour. (b) I bought an one dozen bananas.
(c) She is an English lady. (d) He is the fastest boy in a class.

5. Read the sentence and identify the sentence having a simile:

(a) The water was very cold. (b) The water was as cold as ice.
(c) The water was like ice. (d) The water was ice cold.

6. Identify the sentence with correct use of past continuous tense.

(a) She had been cooking well. (b) She was cooking well.
(c) She had cooked well. (d) She cooked well.
7. Read and identify the type of sentence:         Wow! What a beautiful scene.
(a) negative                                    (b) imperative
(c) interrogative                               (d) exclamatory

8. Choose the sentence with correct use of adjectives is:
(a) Farooq is the richer man in the town.       (b) Farooq is the riching man in the town.
(c) Farooq is the rich man in the town.         (d) Farooq is the richest man in the town.

9. Fill in the blanks with correct preposition:
   My friend met me _______ Monday.
   (a) in                                          (b) at
   (c) on                                          (d) over

10. Identify the irregular verb:
    (a) beaten                                     (b) kept
    (c) given                                      (d) taken

    Spring is the queen of seasons and loveliest of them all. It comes between winter and summer and generally its period is from February to April.

11. The main idea of the text is:
    (a) queen                                     (b) winter
    (c) summer                                    (d) spring
12. Your friend
Saleem Anwar

Is the __________ part of a letter:

(a) Heading  (b) Greeting  
(c) Closing  (d) Signature

13. Identify the sentence which shows the correct change of gender.
Your brother is two years younger than your sister.

(a) Your brother is two years younger than your brother.
(b) Your sister is two years younger than your sister.
(c) Your sister is two years younger than your brother.
(d) Your sisters are two years younger than your brothers.

14. Fill in the blank with correct option.
You ______ knock before you enter the room.

(a) can  (b) ) should  
(c) may  (d) ) might

15. Identify the word which is not a pronoun.

(a) Myself  (b) Yourself 
(c) May be  (d) Himself
SECTION - II

Q. No. 2. Attempt all questions.       Total Marks (25)

(1) Change the following sentences into negative and interrogative: (6)

1- The boy played well.
   Negative: _________________________________________________________________
   Interrogative: ____________________________________________________________

2- Birds flew in the air.
   Negative: _________________________________________________________________
   Interrogative: ____________________________________________________________

3- I went to the market.
   Negative: _________________________________________________________________
   Interrogative: ____________________________________________________________
Q.No. 3. Use the following words in your own sentences. (4)

(a) Reward:
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

(b) Festival:
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

(c) Stream:
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

(d) Common:
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
Q. No.4. Answer the following:

(a) What made Holy prophet (صلی الله علیه و صلی امری او علیه) famous even before his prophet hood? (2)

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

(b) Why should we not cheat in a game? (2)

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

(c) Where is the Chitral valley situated? (1)

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________

Q. No.5. Write a paragraph of 50 to 60 words on “My Best Teacher”. (10)

______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
______________________________________________________________________________
Class 6 – SCIENCE

Use Capital/Block Letters.

Name: ____________________________
Father’s Name: ______________________

GENDER
Please tick one
Male □ Female □

Model Paper for SBSP-QAT
Academic Development Unit

For office use only:

Total Marks: 40
Total Time: 1 HOUR

<table>
<thead>
<tr>
<th>Section - I</th>
<th>Section – II</th>
<th>Section - III</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Section - I

1. Extract three words that are often used in scientific discussion.

2. Write the formula for photosynthesis.

3. Describe the process of respiration in plants.

4. Explain the role of chlorophyll in photosynthesis.

5. Name three types of tissues found in plants.

6. List five examples of aquatic animals.

7. Identify three types of birds in your area.

8. Give three examples of animals that hibernate.

9. Describe the anatomy of a fish.

10. Explain how birds fly.

11. List three important minerals in human diet.

12. Discuss the importance of sunscreen in protecting skin from damage.

PUNJAB EDUCATION FOUNDATION
## SECTION - I

Q. No. 1. Encircle the correct answer from the following choices.  \(10 \times 1 = 10\)

1. Heart, liver and ears are example of animal:

(a) Organs  |  (b) Tissues  |  (c) Cells  |  (d) Organ system

2. Middle ear bones are:

(a) Cochlea, hammer, anvil  |  (b) Anvil, hammer, air canal  |  (c) Pinna, stirrup, hammer  |  (d) Hammer, anvil, stirrup

3. Respiration takes place in ______ of cells.

(a) Chloroplasts  |  (b) Mitochondria  |  (c) Nucleus  |  (d) Cell membrane

4. _______ is an example of decomposer.

(a) Horse  |  (b) Butterfly  |  (c) Fungi  |  (d) Plants
5. Which substance is a compound?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Carbon</td>
<td>(b) Chlorine</td>
</tr>
<tr>
<td>(c) Sodium</td>
<td>(d) Sodium chloride</td>
</tr>
</tbody>
</table>

6. How many layers are found in atmosphere?

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 2</td>
<td>(b) 3</td>
</tr>
<tr>
<td>(c) 4</td>
<td>(d) 5</td>
</tr>
</tbody>
</table>

7. A solution in which the solvent cannot dissolve any more solute at a particular temperature is called a ________ solution.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Saturated</td>
<td>(b) Unsaturated</td>
</tr>
<tr>
<td>(c) Dilute</td>
<td>(d) Concentrated</td>
</tr>
</tbody>
</table>

8. A diver getting ready to dive has:

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) Hydral energy</td>
<td>(b) Chemical energy</td>
</tr>
<tr>
<td>(c) kinetic energy</td>
<td>(d) Potential energy</td>
</tr>
</tbody>
</table>
9. Which is an example of parasitism?

(a) Two species of insects that feed on the same are plant
(b) A lake near a forest in northern areas
(c) An African lioness feeding her cubs
(d) A tick living on a dog

10. Gear system is a kind of:

(a) Lever
(b) A wheel & axle
(c) Compound machine
(d) Wedge

SECTION - B

Attempt all short questions. (15x2=30)

1. What is the function of mesophyll tissues?

2. Which structures are present in outer ear?

3. Define photosynthesis.

4. What is vascular bundle?
(5) Write the names of abiotic components of environment.

(6) What are producers?

(7) What is meant by mutualism?

(8) Differentiate between metals and non metals.

(9) Define sublimation.

(10) What is meant by paper chromatography?

(11) Write the any two uses of rare gases.

(12) Differentiate between solutions and suspension.

(13) Define solubility.

(14) Write any two resources of renewable energy.

(15) What is moveable pulley?
# Class 6 – Mathematics

**Use Capital/Block Letters.**

<table>
<thead>
<tr>
<th>Name:</th>
<th>Father’s Name:</th>
<th>GENDER</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Please tick ☑ one</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Male □ Female □</td>
</tr>
</tbody>
</table>

## Model Paper for SBSP-QAT

**Academic Development Unit**

<table>
<thead>
<tr>
<th>Total Marks: 40</th>
<th>Total Time: 1 HOUR</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Section - I</th>
<th>Section – II</th>
<th>Section - III</th>
<th>Total</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Total Marks:</strong></th>
</tr>
</thead>
</table>

**For office use only:**

**Academic Development Unit**

**PUNJAB EDUCATION FOUNDATION**
SECTION - I

Q. No. 1. Encircle the correct answer from the following choices. \( (10 \times 1 = 10) \)

1. If \( A = \{a,e,i,o,u\} \) and \( B = \{a,b,c,\ldots,z\} \) then, which of the following is true?

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 1</td>
<td>a ( \in ) A</td>
</tr>
<tr>
<td>(b) 1</td>
<td>14 ( \in ) B</td>
</tr>
<tr>
<td>(c) 1</td>
<td>m ( \in ) A</td>
</tr>
<tr>
<td>(d) 1</td>
<td>w ( \in ) A</td>
</tr>
</tbody>
</table>

2. A set having a finite number of elements is called __________ set.

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 1</td>
<td>Infinite</td>
</tr>
<tr>
<td>(b) 1</td>
<td>Finite</td>
</tr>
<tr>
<td>(c) 1</td>
<td>Empty</td>
</tr>
<tr>
<td>(d) 1</td>
<td>Equal</td>
</tr>
</tbody>
</table>

3. If the LCM of two numbers 4 and 9 is 36, then its HCF will be:

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 1</td>
<td>1</td>
</tr>
<tr>
<td>(b) 1</td>
<td>4</td>
</tr>
<tr>
<td>(c) 1</td>
<td>9</td>
</tr>
<tr>
<td>(d) 1</td>
<td>12</td>
</tr>
</tbody>
</table>

4. Which one of the following is not a set?

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 1</td>
<td>{1,1,2,2,3,3,4,4}</td>
</tr>
<tr>
<td>(b) 1</td>
<td>{b,o,k,e}</td>
</tr>
<tr>
<td>(c) 1</td>
<td>{x,y,z}</td>
</tr>
<tr>
<td>(d) 1</td>
<td>{0,2,4}</td>
</tr>
</tbody>
</table>

5. Every number greater than one has at least factor:

<table>
<thead>
<tr>
<th>Option</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(a) 1</td>
<td>One</td>
</tr>
<tr>
<td>(b) 1</td>
<td>Two</td>
</tr>
<tr>
<td>(c) 1</td>
<td>Three</td>
</tr>
<tr>
<td>(d) 1</td>
<td>Four</td>
</tr>
</tbody>
</table>
6. The bracket vinculum is denoted by:

| (a) ( ) | (b) { } | (c) [ ] | (d) _________ |

7. The statement “my age is equal to the twice of my brother age” can be written in the form of equation as:

| (a) $x + y = 2$ | (b) $x = 2y$ | (c) $\frac{x + y}{2}$ | (d) $\frac{x}{2} = \frac{y}{2}$ |

8. How many types of brackets?

| (a) One | (b) Two | (c) Three | (d) Four |

9. 25:40 is an equivalent ratio of:

| (a) 5:8 | (b) 8:5 | (c) 2:4 | (d) 4:2 |

10. By changing 10% into decimal, we get:

| (a) 1 | (b) 10 | (c) 0.1 | (d) 0.01 |
SECTION - II

Q. No. 2. Write answers to all questions. (15 x 2 = 30)

(15 x 2 = 30)

(1) Name two methods of describing a set.

(2) What is meant by the commutative law of addition?

(3) Prove and identify the law used in the following.

\[ 100 \times (11 + 13) = (100 \times 11) + (100 \times 3) \]

(4) Why 0 is called additive identity?

(5) Write all prime numbers less than 15.

(6) Write all numbers less than 50 which are multiple of 3 and 4.

(7) Find the LCM by using the division method.

(8) Use prime factorization method to find the HCF.

(9) Simplify the following.

\[ (+1221) + (-111) \]
(10) Solve.

\[ 1.25 + \{12.099 + (1.45 + 2.1 \times 1.23)\} \]

(11) What is the forth proportional of 1, 3 and 4.

(12) If 7 buffaloes give 56 liters milk, how much milk can we get from 12 buffaloes?

(13) A shopkeeper sold a toy of Rs. 96 at a loss of 20%. Find the loss.

(14) The sum of four consecutive numbers is 266. Find the numbers.

(15) If a number is doubled and then increased by 7, it becomes 13. Find the number.