



# Promoting Private Schooling in Rural Sindh (PPRS) Assessment Feb - Mar 2019



Sindh Education Foundation  
Government of Sindh

Assessment Unit


Subject	Marks	Time
Sindhi	25	40 Minutes
Mathematics	25	50 Minutes
Science	25	45 Minutes
English	25	45 Minutes
<b>Total</b>	<b>100</b>	<b>180 Minutes</b>

## INSTRUCTIONS FOR THE STUDENT

شاگرد جي لاءِ هدايتون

## Objective Part

معروضي حصو

<ul style="list-style-type: none"> <li>The assessment paper is divided into four parts/subjects. Each part/subject contains objective part and subjective part.</li> </ul>	<ul style="list-style-type: none"> <li>پيپر کي چئن حصن/مضمونن ۾ ورهايو ويو آهي. هر هڪ حصو/مضمون معروضي ۽ موضوعي حصي تي مشتمل آهي.</li> </ul>
<ul style="list-style-type: none"> <li>All questions are compulsory.</li> </ul>	<ul style="list-style-type: none"> <li>سڀ سوال لازمي آهن.</li> </ul>
<ul style="list-style-type: none"> <li>Each MCQ carry 1 mark.</li> </ul>	<ul style="list-style-type: none"> <li>سڀئي سوالن تي هڪ جيتريون مارڪون رکيل آهن.</li> </ul>
<ul style="list-style-type: none"> <li>Fill only one circle for each question. If more than one circle is filled in for a single question, the answer for that question will be declared invalid.</li> </ul>	<ul style="list-style-type: none"> <li>هر هڪ سوال جي جواب لاءِ فقط هڪ گولڙي کي ڀريو. جيڪڏهن هڪ سوال جي جواب لاءِ هڪ کان وڌيڪ گولڙن کي ڀريو ويو ته ان جواب کي غلط تصور ڪيو ويندو.</li> </ul>
<ul style="list-style-type: none"> <li>If you need to change an answer, first erase the originally filled circle thoroughly, and then fill the circle against alternative option.</li> </ul>	<ul style="list-style-type: none"> <li>جيڪڏهن توهان ڪنهن به سوال جي ڏنل جواب کي تبديل ڪرڻ چاهيو ته پهريان کان پريل گولڙي کي چڱيءَ طرح ڊاهيو ۽ پوءِ ٻئي گولڙي کي ڀريو.</li> </ul>
<ul style="list-style-type: none"> <li>Fill correct option according to the following example.</li> </ul>	<ul style="list-style-type: none"> <li>جواب کي هيٺ ڏنل مثال مطابق چڱيءَ ريت ڀريو.</li> </ul>
<div style="text-align: center;">  </div>	
<ul style="list-style-type: none"> <li>Pencil should be used to fill the answers.</li> </ul>	<ul style="list-style-type: none"> <li>جوابن واري گولڙي کي پرن لاءِ پينسل جو استعمال ڪريو.</li> </ul>
<ul style="list-style-type: none"> <li>Finish each part in the given time as mentioned in the paper.</li> </ul>	<ul style="list-style-type: none"> <li>پيپر ۾ ڏنل هر هڪ حصي کي ڏنل وقت مطابق حل ڪريو.</li> </ul>
<ul style="list-style-type: none"> <li>Use the given blank page for mathematics rough work.</li> </ul>	<ul style="list-style-type: none"> <li>رياضيءَ جو رڳو ڪم ڪرڻ لاءِ ڏنل خالي صفحو استعمال ڪريو.</li> </ul>

## INSTRUCTIONS FOR THE STUDENT

شاگرد جي لاءِ هدايتون

### Subjective Part

موضوعي حصو

▪ All questions are compulsory.	▪ سڀ سوال لازمي آهن.
▪ Marks of each question in subjective paper are given at the end of the question.	▪ موضوعي حصي ۾ هر هڪ سوال جي آخر ۾ ان جون مارڪون ڏنل آهن.
▪ Pencil should be used to write the answers.	▪ جواب لکڻ لاءِ پينسل جو استعمال ڪريو.
▪ Avoid over writing or untidy work.	▪ بتي لکڻي ۽ ڊاهه ڏوهه واري ڪم کان پاسو ڪريو.
▪ Use the given blank page for mathematics rough work.	▪ رياضيءَ جو رڻ ڪم ڪرڻ لاءِ ڏنل خالي صفحو استعمال ڪريو.

### MCQ Practice

1. Name of our country is

1. اسانجي ملڪ جونالو آهي

Kenya.

Ⓐ

ڪينيا.

Pakistan.

Ⓑ

پاڪستان.

Malaysia.

Ⓒ

ملائيشيا.

Indonesia.

Ⓓ

انڊونيشيا.

2. Add.

2. جوڙ ڪريو.

$$2 + 2 = \underline{\hspace{2cm}}.$$

4

Ⓐ

5

Ⓑ

6

Ⓒ

7

Ⓓ

## سنڌي

1. هيٺ ڏنل لفظ جي معنيٰ ڪهڙي آهي؟

بيباڪي

Ⓐ

ڪمزوري

Ⓑ

بي خوفي

Ⓒ

سستي

Ⓓ

هيٺائپ

2. سنڌي زبان ۾ علم ۽ ادب جو ”سونهري دور“ ڪنهن جي دور کي چيو ويندو آهي؟

Ⓐ

سمن جو

Ⓑ

تالپر جو

Ⓒ

سومرن جو

Ⓓ

ڪلهوڙن جو

3. پاڪستان گرلز گائيڊ ڪي 1989 ع ۾ ڪنهن جي پاران انعام مليو؟

- (A) يونيسيف پاران
- (B) يونيسڪوپاران
- (C) پاڪستان پاران
- (D) انڊيا پاران

4. ماڻهو پنهنجي ملڪ جي ترقيءَ لاءِ گڏجي ڪوشش تڏهن ڪندا جڏهن انهن ۾

- (A) ايڪو ۽ اتحاد هوندو.
- (B) ڦيٽاڙو هوندو.
- (C) جهيڙو هوندو.
- (D) نفاق هوندو.

5. هيٺ ڏنل جملن مان ڪهڙو جملو فعل زمان ماضي قريب جو آهي؟

- (A) آسيه ماني پچائي ٿي.
- (B) مون ڪتاب پڙهيو آهي.
- (C) مان اچان ٿو.
- (D) هل ته گهمڻ هلون.

6. جيڪو اسم جي بدران ڪم اچي ۽ ان کي ٻئي جملي سان ڳنڍي ان کي ضمير موصول چئبو آهي. هيٺ ڏنل جملي ۾ ضمير موصول ڪهڙو آهي؟

هي اهو اسڪول آهي جنهن ۾ آءُ پڙهندي آهيان.

- |       |   |
|-------|---|
| آءُ   | Ⓐ |
| اهو   | Ⓑ |
| آهيان | Ⓒ |
| جنهن  | Ⓓ |

7. هيٺ ڏنل اصطلاح جي سمجهاڻي ڪهڙي آهي؟

سڌ ۾ سڌ ڏيڻ

- |                               |   |
|-------------------------------|---|
| جڏهن ڪير گهڻي ڪاوڙ ڏيکاري.    | Ⓐ |
| جڏهن ماڻهو تعداد ۾ گهٽ هجن.   | Ⓑ |
| جڏهن حد کان وڌيڪ ٻڌڻ ٿيڻ.     | Ⓒ |
| ڪنهن ضرورتمند کي مهل ڪم اچجي. | Ⓓ |



8. گهڻي وقت تائين برساتون نه پوڻ ڪري ڏڪار پيدا ٿين ٿا. ڏڪار کي منهن ڏئي سگهجي ٿو

- Ⓐ پاڻي کي زيان ٿيڻ کان بچائڻ ذريعي.
- Ⓑ پاڻي گهڻو استعمال ڪرڻ ذريعي.
- Ⓒ پاڻي جا ڪوھ لٽڻ ذريعي.
- Ⓓ پاڻي کي هارڻ ذريعي.

9. اهڙا فعل، جيڪي رڳو فاعل سان لاڳاپو ڏيکارين، انهن کي \_\_\_\_\_ چئبو آهي.

- Ⓐ فعل متعدي
- Ⓑ فعل لازمي
- Ⓒ فعل متعدي مجهول
- Ⓓ فعل متعدي معروف

10. ننڍي کنڊ جي قديم ۽ شاهوڪار ٻولي ڪهڙي آهي؟

Ⓐ

انگريزي

Ⓑ

عربي

Ⓒ

سنڌي

Ⓓ

فارسي

11. بجلي تي هلندڙ ڪن به ٽن شين جا نالا ۽ انهن جا ڪم لکو. 06 مارڪون

سيريئل نمبر	بجلي تي هلندڙ شين جا نالا	انهن جا ڪم
01		
02		
03		

12. هيٺ ڏنل واحد جا جمع لکو. 04 مارڪون

سيريئل نمبر	واحد	جمع
01	مادو	
02	تارَ	
03	مشين	
04	علائقو	



## **Rough Work**

## **Rough Work**

## **Rough Work**

## Mathematics

14. جيڪڏهن  $U = \{a, b, c, d, e\}$  ۽  $C = \{b, d\}$  ته  $C'$  آهي  
If  $U = \{a, b, c, d, e\}$  and  $C = \{b, d\}$ , then  $C'$  is

- $\{a, c, e\}$  (A)  
 $\{a, b, c\}$  (B)  
 $\{a, b, c, d\}$  (C)  
 $\{b, c, d, e\}$  (D)

15. سيٽ  $A = \{1, 2, 3\}$  جي سڀني ممڪنہ ماتحت  
The number of all possible subsets  
of a set  $A = \{1, 2, 3\}$  is  
سيٽن جو تعداد آهي

- 3 (A)  
4 (B)  
6 (C)  
8 (D)



16. Identify the symmetric property from the following, where  $x$ ,  $y$  and  $z$  are real numbers. 16. هيٺ ڏنل مان هر شڪلي خاصيت جي سڃاڻپ ڪريو. جڏهن ته  $x$ ,  $y$  ۽  $z$  حقيقي عدد آهن.

$$x = x$$

(A)

$$x = y \text{ and } y = x$$

(B)

$$x = y \text{ and } y = z \Rightarrow x = z$$

(C)

$$xy = yz \Rightarrow x = y$$

(D)

17. The solution set for  $x < 2$  is, where  $x \in W$  17.  $x < 2$  جو حل سيٽ هوندو آهي، جڏهن ته  $x \in W$

$$\{0,1\}$$

(A)

$$\{1,2\}$$

(B)

$$\{0,1,2\}$$

(C)

$$\{1,2, \dots\}$$

(D)

18. What number should be added to 139 to make it a perfect square? 18. 139 ۾ اهو ڪهڙو عدد جوڙڻ ڪجي جو مڪمل چورس ٺهي؟

$$2$$

(A)

$$5$$

(B)

$$7$$

(C)

$$8$$

(D)

19. Add the following octal numbers.

19. اٺ بنياد سرشتي ۾ عددن کي جوڙ ڪريو.

$$6_8 + 5_8 = \underline{\hspace{2cm}}.$$

$10_8$

Ⓐ

$11_8$

Ⓑ

$13_8$

Ⓒ

$16_8$

Ⓓ

20.  $x^4 + 4$  is a

20.  $x^4 + 4$  آهي

biquadratic polynomial.

Ⓐ

چار رقي

quadratic polynomial.

Ⓑ

ٻه درجي گهڻ رقي

cubic polynomial.

Ⓒ

ٽه رقي

linear polynomial.

Ⓓ

هڪ رقي

21.  $\sqrt[3]{8 \times 64} = \underline{\hspace{2cm}}.$

9

Ⓐ

8

Ⓑ

6

Ⓒ

5

Ⓓ

22. Identify the solution set of the following equation.

22. هيٺ ڏنل مساوات جي حل سيٽ جي سڃاڻپ ڪريو.

$$|y + 1| = 2$$

$\{-1, 1\}$

Ⓐ

$\{-3, 1\}$

Ⓑ

$\{-1, 2\}$

Ⓒ

$\{-2, 2\}$

Ⓓ

23. If a sum of money doubled itself in 10 years, then the rate of simple interest offered by the bank would be

23. جيڪڏهن 10 سالن ۾ رکيل پيسن جي قيمت پنهنجو پاڻ ٻيڻي ٿي وڃي، ته سادي وياج جي شرح جيڪا بئنڪ ڏني هجي، اها ٿيندي

25%

Ⓐ

22%

Ⓑ

18%

Ⓒ

10%

Ⓓ

- 24.** P and Q invested Rs 5,000 and Rs 8,000 respectively in a small business for an equal period of time. Divide a profit of Rs 10,400 between them. Show steps.

24. P ۽ Q 5000 روپيا ۽ 8000 روپيا ترتيبوار هڪ مخصوص مهدي لاءِ هڪ ننڍي ڪاروبار ۾ لڳايا. 10400 روپين جو منافعو انهن ٻنهي ۾ برابر ورهايو. مرحلا ڏيکارو.

**(04 Marks)**

[illegible]

**25.** Simplify the following into decimal system. Show steps.

25. ڏهائي سرشتي ۾ سادي صورت ۾ آڻيو. مرحلا  
ڏيکاريو.

**(04 Marks)**

$$35_8 + 12_5 + 10_2$$

[illegible]

26. A man bought a wall clock for Rs 800, at what price should he sell it so as to gain 15% profit? Show steps.

26. هڪ ماڻهو هڪ گھڙيال 800 روپين ۾ ورتو. ٻڌايو ته هوان گھڙيال کي ڪيتري قيمت ۾ وڪڻي جو ان کي 15 سيڪڙو جو منافع حاصل ٿئي؟ مرحلا ڏيکارو.

(04 Marks)



---

---

---

---

---

---

---

---

---

27. Solve the following equation. Show steps.

27. هيٺ ڏنل مساوات حل ڪريو. مرحلا ڏيکاريو.

(03 Marks)

$$\frac{x}{3} - 4 = 2$$

---

---

---

---

---

---

---

---

---

---

## Science

28. Pain is the stimulus for

28. سورجنهن جي ڪري محسوس ٿيندو آهي، اهو/اها

skin.

Ⓐ

ڪل/چمڙي.

nose.

Ⓑ

نڪ.

eyes.

Ⓒ

اڪيون.

ears.

Ⓓ

گڻ.

29. The part from where urine passes from kidney to urinary bladder is the

29. اهو حصو جتان پيشاب بڪين مان يورينري بليڊر/

مٿاني ڏانهن ويندو آهي، اهو آهي



ureter.

Ⓐ

يورينري.

urethra.

Ⓑ

يورينري.

renal vein.

Ⓒ

رينل وين.

urinary bladder.

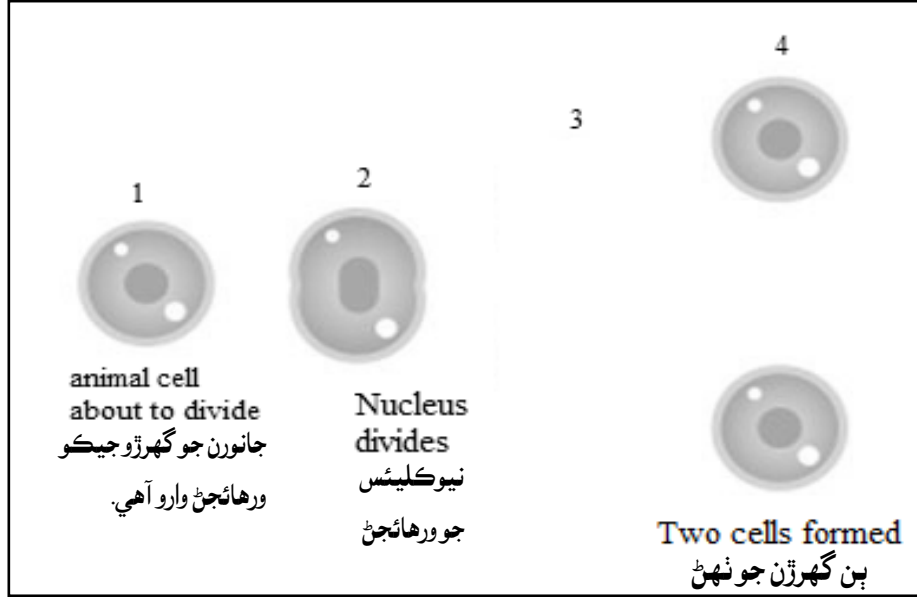
Ⓓ

يورينري بليڊر.



30. Given below is a diagram of an animal cell division. Identify the missing stage from the following.

30. هيٺ ڏنل شڪل ۾ جانورن جي جيوگهرڙي جي ورهاست ڏيکاريل آهي. رهيل مرحلي / اسٽيج جي سڃاڻپ ڪريو.



(A)



(B)



(C)



(D)

31. DNA stands for

31. ڊي اين اي (DNA) چئبو آهي

Deoxyribonucleic acid.

Ⓐ

ڊي آڪسي رائبونيوڪليڪ ايسڊ.

Dioxyribonucleic acid.

Ⓑ

ڊاءِ آڪسي رائبونيوڪليڪ ايسڊ.

Deoxyadenylic acid.

Ⓒ

ڊي آڪسي ايڊينائيڪ ايسڊ.

Deoxycholic acid.

Ⓓ

ڊي آڪسيڪولڪ ايسڊ.

32. Three main greenhouse gases are carbon dioxide, water vapours and

32. ٽي بنيادي گرهن هائوس گئسون آهن ڪاربان ڊاءِ

آڪسائيڊ، آبي بخار ۽

Oxygen.

Ⓐ

آڪسيجن.

Nitrogen.

Ⓑ

نائٽروجن.

Methane.

Ⓒ

ميٿين.

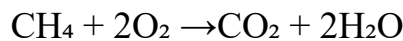
Hydrogen.

Ⓓ

هائيڊروجن.

33. Name the type of reaction given below.

33. هيٺ ڏيکاريل عمل وارو قسم آهي



Addition

Ⓐ

ملائي جو.

Combustion

Ⓑ

برڻ جو.

Displacement

Ⓒ

هٽاءُ جو.

Decomposition

Ⓓ

ڳرڻ جو.

34. The number of hydrogen atom present in sulphuric acid is

34. سلفيورڪ ايسڊ ۾ هائيڊروجن جي ائٽمن جو تعداد آهي

1

(A)

2

(B)

3

(C)

4

(D)

35. The main source of heat energy is

35. گرمي جي توانائي جو اهم ذريعو آهي

sun.

(A)

سج

sky.

(B)

آسمان

moon.

(C)

چنڊ

stars.

(D)

تارا

36. Neutral solution has pH of

36. نيوٽرل ٻڌاڻي جي pH هوندي آهي

5

(A)

6

(B)

7

(C)

8

(D)

37. Find the coefficient in  $2H_2O$

37.  $2H_2O$  جو ڪو افيشنت ڏيو.

1

Ⓐ

2

Ⓑ

4

Ⓒ

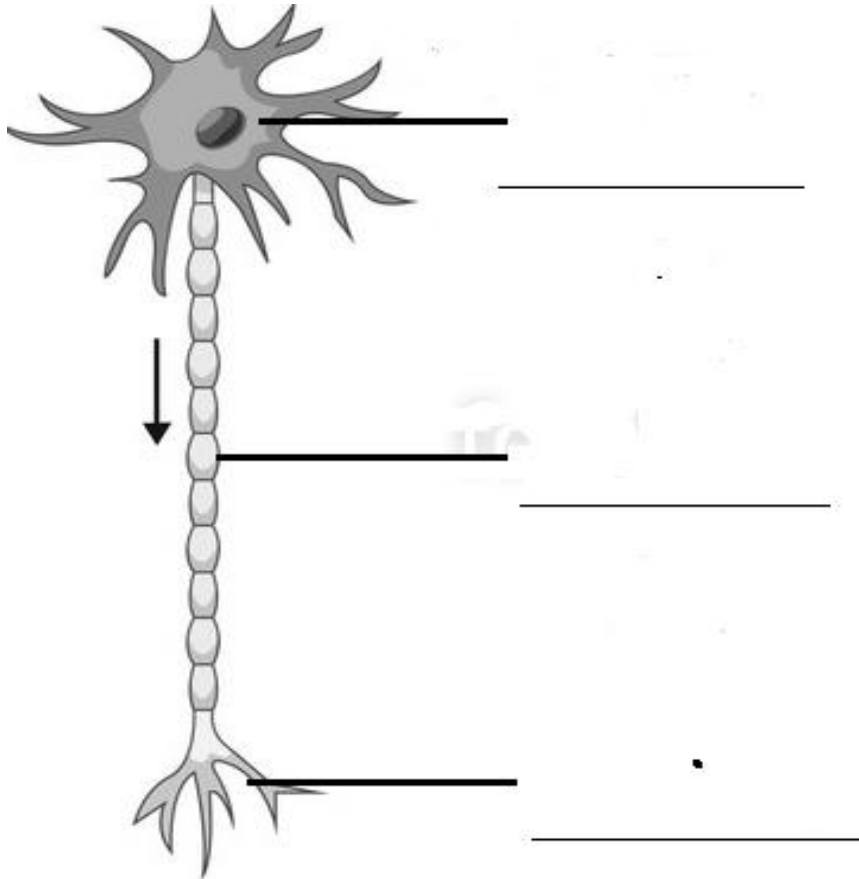
8

Ⓓ

38. a) Label the cell given below.

38. هيٺ ڏنل جيوگهرڙي کي ليبل ڪريو.

(04 Marks)



b) Identify the above diagram.

\_\_\_\_\_ cell

مٿي ڏيکاريل ڊاياگرام جي سڃاڻپ ڪريو.

\_\_\_\_\_ اهو

جيوگهرڙي آهي.

39. Write any two effects of air pollution.

39. هوا جي گدلاڻ / آلودگي جا ڪي به ٻه اثر لکيو.

(02 Marks)

a) \_\_\_\_\_

b) \_\_\_\_\_

40. Calculate the pressure if 20 N force is applied on an area of 10 m<sup>2</sup>.

40. جيڪڏهن 20 N طاقت 10m<sup>2</sup> جي ايراضي تي لڳائي وڃي ته پريشر / دٻاءُ جو حساب ڪريو.

(02 Marks)

---

---

---

---

41. Define chemical reaction and give any two examples. ڪيميائي رد عمل جي وصف لکوءِ ان جا ڪي ٻه مثال لکيو.

(03 Marks)

---

---

---

---

---

---

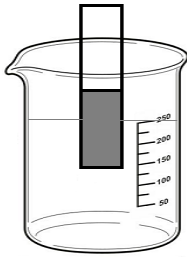
42. Following is a diagram of four beakers containing solutions of different pH value.

42. هيٺ ڏنل شڪل ۾ چار بيڪر ڏيکاريل آهن، جنهن ۾ گارجو pH value مختلف آهي.

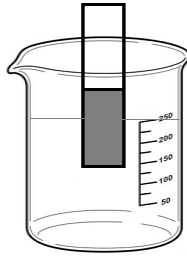
(04 Marks)

a) Arrange the following pH of solutions in order with the most acidic first.

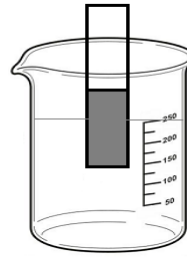
هيٺ ڏنل گارجو pH کي اهڙي طرح ترتيب ڏيو جو سڀ کان پهرين تيزابي اچي.



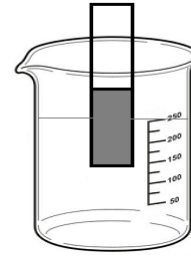
pH 2



pH 8



pH 13



pH 7

b) What is the neutral pH?

نيوٽرل pH ڇا آهي؟

---

c) Write any two properties of alkali.

الڪلي جون ڪي به ٻه خاصيتون لکو.

---



---



## English

43. Identify the verb in the following sentence.

*They fell down on the ground.*

- |      |   |
|------|---|
| on   | Ⓐ |
| the  | Ⓑ |
| fell | Ⓒ |
| down | Ⓓ |

44. The past tense of the word “bring” is

- |          |   |
|----------|---|
| broad.   | Ⓐ |
| bought.  | Ⓑ |
| brewed.  | Ⓒ |
| brought. | Ⓓ |

45. Identify the type of the given sentence.

*She has passed her test.*

- |               |   |
|---------------|---|
| Imperative    | Ⓐ |
| Declarative   | Ⓑ |
| Interrogative | Ⓒ |
| Exclamatory   | Ⓓ |

46. The opposite of word “excitedly” is

- |            |   |
|------------|---|
| sadly.     | Ⓐ |
| happily.   | Ⓑ |
| quickly.   | Ⓒ |
| amazingly. | Ⓓ |

47. Read the given sentence and identify the adjective.

*There were small drops of water on the ground.*

- |        |   |
|--------|---|
| drops  | Ⓐ |
| water  | Ⓑ |
| small  | Ⓒ |
| ground | Ⓓ |

48. Identify the correct spelling from the following.

- |              |   |
|--------------|---|
| anaucemint   | Ⓐ |
| anauncement  | Ⓑ |
| anouncement  | Ⓒ |
| announcement | Ⓓ |

49. Identify the same meaning of the underlined word.

*She is very strong.*

- |             |   |
|-------------|---|
| weak        | Ⓐ |
| tough       | Ⓑ |
| unable      | Ⓒ |
| intelligent | Ⓓ |

50. Which of the following is not an Adverb?

- |               |   |
|---------------|---|
| slowly        | Ⓐ |
| bundles       | Ⓑ |
| carefully     | Ⓒ |
| questioningly | Ⓓ |

51. Choose the appropriate article in the following sentence.

*They are \_\_\_\_\_ hour late.*

- |      |   |
|------|---|
| an   | Ⓐ |
| late | Ⓑ |
| are  | Ⓒ |
| they | Ⓓ |

- 52.** Make a sentence of Past Continuous Tense by adding an appropriate verb in the following sentence.

*They \_\_\_\_\_ very happy last night.*

are

Ⓐ

am

Ⓑ

was

Ⓒ

were

Ⓓ

**53.** Read the following paragraph and answer the given questions. **(05 Marks)**

### **Robert Bruce and the Spider**

Robert Bruce, who was the King of Scotland, was greatly loved by his people. Scotland was captured by the British. Being brave, Robert Bruce tried his best to free his country from the British but could not succeed. Robert Bruce then escaped into a jungle and hid himself inside a cave. He was very depressed. One day he saw a spider who was trying to climb the wall to reach the cobweb. The spider rose inch by inch, on the thread of its web but fell down, when it was just a few inches away from its destination. The spider repeated the attempts to climb, many a time, but fell down. The spider did not give up. The spider was succeeded in its tenth attempt. Robert Bruce was astonished at the courage and determination of the spider.

He learnt an important lesson from this tiny creature. He came out of the hiding, gathered his forces and led a very strong attack on the British forces. He was able to defeat his enemy.

Answer each question in full sentence.

a) Robert Bruce was the king of which country?

---

b) Scotland was under the control of which country?

---

c) Why was Robert Bruce inspired by the spider?

---

d) What is meaning of the word “depressed”?

---

e) State the moral of story?

---

**54.** Write an application to your principal and ask him/her to change your section as you want to study with your friends. **(03 Marks)**

[illegible]

**55. Convert the following sentence into Active and Passive voice. (02 Marks)**

a) One chapter was learned by me. (Convert into Active Voice)

---

b) I am eating an apple. (Convert into Passive Voice)

---

**56. Write an essay of 120 words on “what do you like about your favourite school teacher”. (03 Marks)**

[illegible]



**57.** Use following words in your own sentences.

**(02 Marks)**

a) Celebrate: \_\_\_\_\_

b) Expert: \_\_\_\_\_