



*We craft your genius for commissioned officers*

# PRINCE SAINIK SCHOOL

**SCHOOLING + NDA : Fully Residential for Girls & Boys**

**CBSE : Class VI to X & XI-XII Science, English Medium**

Palwas Road, SIKAR (Raj.) INDIA | Helpline : 9610-79-2222, 9649-76-9938 | [www.princesainikschool.com](http://www.princesainikschool.com)

## CLASS – VII MAT ANSWER KEY

[Q.1] Find the missing term in the series ?

L,N,P,R,T, ?

- (a) U (b) V  
(c) W (d) Y

ANS - B

[Q.2] Find the missing term in the series ?

D,Q,G,O,J,M, ?

- (a) K (b) P  
(c) M (d) L

ANS - C

[Q.3] Find the missing term in the following series.

2,11,7,16,12, ?, 17, 26

- (a) 21 (b) 8  
(c) 11 (d) 76

ANS – A

[Q.4] Select the pair which is related in the same way as Courageous : Brave

- (a) Soldier : Army (b) Cowardly : Afraid  
(c) Circle : Round (d) Letter : Word

ANS - B

[Q.5] “Charminar” and “Hyderabad” have same relation as?

- (a) Taj Mahal and Jaipur  
(b) Golden Temple and Patna  
(c) Golden Temple and Amritsar  
(d) Rock Garden and Patna

ANS - C

## ENGLISH

[Q.1] Choose the correct Passive voice.

They had played a match.

- (a) A match had played by them
- (b) A match had been played by them
- (c) A match had been played to them
- (d) Them will be played a match

ANS - B

[Q.2] Choose the suitable indirect speech.

Robert will say to me, " I am your Classmate."

- (a) Robert will tell me that he is my classmate.
- (b) Robert will tell me that he is my classmate.
- (c) Robert will tell me that he will be my classmate
- (d) Robert said me that he is my classmate

ANS - A

[Q.3] Tick the correct conjunction

Mohan is more intelligent \_\_\_\_\_ Sohan.

- (a) and (b) then
- (c) than (d) but

ANS - C

[Q.4] Tick the correct preposition.

Sunita went \_\_\_\_\_ the stairs.

- (a) in (b) on
- (c) by (d) up

ANS – D

[Q.5] Tick the correct Adverb.

I was \_\_\_\_\_ impressed with her performance.

- (a) too (b) such
- (c) very (d) to

ANS - C

[Q.6] Tick the suitable Adjective

The mornings of winter are \_\_\_\_\_

- (a) lovely (b) lovelier
- (c) loved (d) loveliest

ANS - A

[Q.7] Tick the correct option

We use \_\_\_\_\_ to talk about things we intend to do in the future.

- (a) going to (b) will
- (c) is (d) none of them

ANS - A

[Q.8] Tick the correct form of the verb

I \_\_\_\_\_ him here yesterday. [expect]

- (a) is expecting (b) expected
- (c) am expecting (d) will expect

ANS - B

[Q.9] Choose the correct option to complete the following analogies.

Tea : leaves : : Coffee : \_\_\_\_\_

- (a) farms (b) mugs
- (c) flavours (d) beans

ANS - D

[Q.10] Something through which light can not pass at all.

- (a) transparent
- (b) opaque
- (c) translucent
- (d) solid

ANS - B

## MATHS

[Q.1] Use the correct sign in the box

$$39 + (-24) - (15) \quad \square \quad 36 + (-52) - (-26)$$

- (a) >
- (b) <
- (c) =
- (d) None of these

ANS - B

[Q.2] Find  $\frac{1}{4}$  of  $\frac{1}{4}$

- (a)  $\frac{1}{2}$
- (b) 1
- (c)  $\frac{1}{8}$
- (d)  $\frac{1}{16}$

ANS - D

[Q.3] Mean of 36,35,50,46,60,55

- (a) 46
- (b) 47
- (c) 48
- (d) 49

ANS - B

[Q.4] If  $\frac{3P}{4} = 6$  then value of P

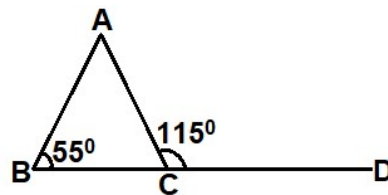
- (a) 12
- (b) 8
- (c) 4.5
- (d) none

ANS - B

[Q.5] What is the measure of the complement of  $65^\circ$

- (a)  $115^\circ$
- (b)  $25^\circ$
- (c)  $15^\circ$
- (d)  $125^\circ$

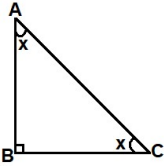
ANS - B



[Q.6] Value of  $\angle A$

- (a)  $55^\circ$
- (b)  $65^\circ$
- (c)  $60^\circ$
- (d)  $50^\circ$

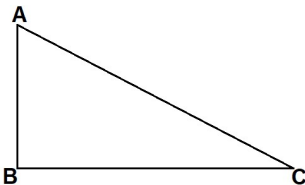
ANS - C



[Q.7] Value of x

- (a)  $30^\circ$  (b)  $60^\circ$   
(c)  $90^\circ$  (d)  $45^\circ$

ANS - D



[Q.8] is given  $\triangle ABC$  which statement is true

- (a)  $AB + BC > AC$  (b)  $AB + BC = AC$   
(c)  $AB + BC < AC$  (d) None of these

ANS - A

[Q.9]  $\triangle ABC \cong \triangle PQR$  then  $BC =$

- (a) PR (b) PQ  
(c) QR (d) None

ANS - C

[Q.10]  $\triangle ABC \cong \triangle PQR$  if  $AB = PQ$ ,  $BC = QR$  and  $\angle B = \angle Q$  name the congruency rule

- (a) SSS (b) SAS  
(c) AAS (d) ASA

ANS - B

[Q.11] Selling price of a toy is 540 Rs. If the profit is 20% find cost price.

- (a) 432 (b) 450  
(c) 648 (d) none

ANS - B

[Q.12] If meena gives an interest of Rs 45 for one year at 9% rate per annum. What is the sum she has borrowed?

- (a) 500 Rs (b) 5000 Rs  
(c) 600 Rs (d) 6000 Rs

ANS - A

[Q.13] Find the value of  $(-4) \div \frac{2}{3}$

- (a)  $-\frac{2}{3}$  (b)  $-\frac{8}{3}$   
(c) -6 (d)  $-\frac{1}{6}$

ANS - C

[Q.14] formula to find area of Rectangle

- (a)  $L \times B$  (b)  $2(L + B)$   
(c)  $\text{Side}^2$  (d) Side

ANS - A

[Q.15] Formula to find perimeter of semicircle

- (a)  $\pi r$  (b)  $2\pi r$   
(c)  $\pi r + 2r$  (d)  $\frac{1}{2}\pi r^2$

ANS - C

## SOCIAL STUDIES

[Q.1] The growth of vegetation depends on

- (a) Temperature (b) Moisture
- (c) Both (a) & (b) (d) None of the above

ANS - C

[Q.2] Where are tropical evergreen forest are found ?

- (a) India (b) Brazil
- (c) China (d) None of these

ANS - B

[Q.3] Where are savannah grasslands located

- (a) Africa (b) America
- (c) Amazon (d) Brazil

ANS - A

[Q.4] What is the name of tropical grasslands in Venezuela.

- (a) Savannah (b) Campos
- (c) Ilanos (d) Down

ANS - C

[Q.5] \_\_\_\_\_ is the process through which water continuously changes its form ?

- (a) Food cycle (b) Water cycle
- (c) Rain (d) All of the above

ANS - B

[Q.6] Which day is celebrated as water day ?

- (a) 26 January (b) 15 January
- (c) 15 August (d) 22 March

ANS - D

[Q.7] The rhythmic rise and fall of ocean water twice in a day is known as

- (a) tide (b) wave
- (c) ocean current (d) none of these

ANS - A

[Q.8] The Labrador and gulf stream are examples of

- (a) Tides (b) Ocean currents
- (c) Tsunami (d) Waves

ANS - B

[Q.9] Religion biographies are called \_\_\_\_\_ .

- (a) Autobiography (b) Geography
- (c) Hagiography (d) Photography

ANS - C

[Q.10] Vitthala is a form of

- (a) Shiva (b) Vishnu
- (c) Krishna (d) Ganesha

ANS - B

## SCIENCE

[Q.1] Who discovered magnetic effect of electric current?

- (a) Joule (b) Maxwell  
(c) Oersted (d) Newton

ANS - C

[Q.2] Identify the plant that vegetatively propagates through leaves.

- (a) Bryophyllum (b) Rose  
(c) Potato (d) Jasmine

ANS - A

[Q.3] They help to increase the surface area of root for absorption of water and minerals:

- (a) Xylem (b) Phloem  
(c) Root hair (d) Both (a) and (c)

ANS - C

[Q.4] If a image cannot be obtained on the screen, it must be

- (a) Real (b) Virtual  
(c) Imageless (d) None of the above

ANS - B

[Q.5] Mature ovary forms :

- (a) Seed (b) Fruit  
(c) Flower (d) Both (a) and (c)

ANS - C

[Q.6] Which of the following is not the constituent of Loamy Soil?

- (a) Sand (b) Clay

- (c) Pieces of plastic (d) Silt

ANS - C

[Q.7] The earthworm breathes through

- (a) Gills (b) Moist Skin  
(c) Lungs (d) Spiracles

ANS - C

[Q.8] Sita is standing 4m away from the plane mirror. If she moves 2m towards the mirror, what will be the distance between Sita and her image in the mirror?

- (a) 4m (b) 3m  
(c) 2m (d) 8m

ANS - A

[Q.9] The cells in the blood which help in clotting are :

- (a) Hemoglobin (b) Platelets  
(c) RBC-Red blood cell (d) WBC white blood cell

ANS - B

[Q.10] Which of the following is not a forest product?

- (a) Gum (b) Plywood  
(c) Sealing wax (d) Kerosene

ANS - D