

**v) Zok'k'idi ijh{k 2018&19**  
**d{k & I kroha**  
**fo'k; & fglhh**

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i wkk'idi 80

Hkkx & v

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dN ylsks ds vuq kj euq; dk loZ'SB y{; /ku laxg gA uhr'kkL= ea /ku&I eifuk vkrn  
dks gh vFkZ dgk x;k gA D; k'idi I Hkh xqk vFkZ ds vFkZ' /ku ds gh vkrJr jgrs gA ftlds ikl  
/ku g\$ og I [kh g\$ fo'k; Hkkska dks Hkksx l drk g\$ nku&/keZ Hkh fuHkk l drk gA or'eku Ie; ds  
tc gekjh vko'; drk, i cgr c<+ xbz g\$ mlgs iwz djus ds fy, /ku dh vko'; drk iM'rh gA /ku  
ikflr ds fy, ifjJe Hkh vf/kd djuk iM'rk gA l dk ds bfrgkl ea /ku dh fyllk ds dkj.k  
ftruh fgd k, j vuFkZ o vR; kpkj gq gA brus vl; fdlh dkj.k l s ugha gq gA vr% /ku dks thou  
dk y{; ugha ekuk tk l drkA D; k'idi /ku vius vki ea eV; oku oLrq ugha gA/ku dks vftZ]  
l'pr djus ea Ny&diV dk lgjk ysk iM'rk gA ftlds dkj.k thou ea v'kk'ir o pgsj ij  
fodfr cuh jgrh gA ylsks ds vij/k ea fyir gksus dk Hk; cuk jgrk gA

- 1- thou ea /ku dk lokZ/kd egrro D; ka ekuk tkrk g\$ 1
- 2- /ku dks thou dk ije y{; D; ka ugh ekuk tk l drk\ 1
- 3- ^y{; \* 'kCn dk lekufkZ fy[kka 1
- 4- ^Ny&diV\* ea iz'pr lekl dk Hkn dks l k g\$ 1
- 5- ^ifjJe\* 'kCn ds nks i; kZ okph 'kCn fy[kka 1
- 6- ^Hk; \* 'kCn dk foyke 'kCn fy[kka 1
- 7- ^/ku&ikflr\* l ekfld in dk lekl foxg djka 1
- 8- okD; iwz djA ----- 'kkL= ea /ku&I eifRr dks gh vFkZ dgk x;k gA 1

iz2 fuEufyf[kr vi fBr i | k'k dks i <ej uhps fy[ks iz'uka ds mRrj fy[kka  
fQj Hkh r' fdrus l'j gk\$ fd l'jrk ds ifr ejfr gka  
/kry&/k' fjr vax r'gkj\$ oL=&ghu vax r'gkjA  
fu'Ny gk\$ r' , s yxrs l k\$; rk dh ifr&ejfr gka  
r' d".k ds ifr&ejfr gk\$  
ikuh ea r' Ne&Ne djr\$ jtd.kk l s r' [kyk djrA  
ns[k Nfo] [kqk gk ek\$ dgrh] r' ppyrk dh ifr&ejfr gka  
r' d".k ds ifr ejfr gka

- 1- ckyd ds vax d' s fn[kkz ns jgs g\$ 1
- 2- ckyd fd l l s [kyk djrk g\$ 1
- 3- [kqk gk ek\$ ckyd dks D; k dgrh g\$ 1
- 4- ^ikuh\* 'kCn ds nks i; kZ okph 'kCn fy[kka 1
- 5- ^oL=&ghu\* ea lekl dk Hkn fy[kka 1
- 6- ^jt\* 'kCn dk vFkZ fy[kka 1
- 7- r' d".k dh ifr ejfr gka lo'ke dk Hkn fy[kka 1

iz3	fdllgh nks ds foykə 'kCn fy[kkA l qkk] tkxfr] ; ksch	2
iz4	fdllgh nks ds lekl foxg dj lekl ds Hkn fy[kkA xtexr] l lr'krh] 'kfDruq kj] ikf.kiYyo	2
iz5	fdllgh nks ds l f/k fopNn djka iq "kkfk] jRukdj] erD:] vR; kpkj	2
iz6	dkSBd ea fn, x, 'kCnka dk l f(e vfkZ Hkn le>dj okD;ka ds fy, mfpr 'kCn pfu, ¼fdllgh pkj½ 1- Ekkufld : i l s detkjA ----- ¼fucy @ nqy½ 2- vaxy gkus dk Hk; ----- ¼vk'kadk @ 'kadk½ 3- tks gffk; kj Qad dj pyk; k tk, A ----- ¼vL= @ 'kL=½ 4- okLrfodr k dks xyr le> yskA ----- ¼Hke @ l mg½ 5- vius vki ij iNrkok A ----- ¼yTtk @ Xyku½	2
iz7	fdllgha ,d ds nks i ; kZ okph 'kCn fy[kks utj ,yku xk; c	2x½¾1
iz8	fdllgha ,d dk vudkfkZ 'kCn fy[kks er] jx] ny	2x½¾1
iz9	cn] vk] vi] vu] ea l s fdllgh nks mil xkZ l s nks 'kCn cukb; A	1
iz10	fdllgh ,d egkojs dk Hkn fy[kk& i]ka rys tehu f[kl duk fny cB tkuk	1
iz11	l a/k cskkd j]kkadr dhft, & 1- ?kj ds l keus cxhpk gA 2- efinj ds ik l nqku gA	1
iz12	j]kkadr inkə es l s l koZkfed fo'kSk.k o loZke crkb; A 1- ml ?kMh dks uhps j]kkA 2- os ; gkj vk, FkA	1
iz13	l epp; cskkd ; k fjDr LFkku Hkfj, & 1- vpkud ml us cW mBk; k ----- /keZ kkyk dh vkj py iMkA 2- og ?khj&/khjs py jgk Fk----- vdkjk gkus ij /keZ kkyk igpA	1
Hkkx&l		
iz14	fdllgh N% ds 'kCnkfkZ fy[kks vrj ed kfQj fodykx gykgy ,yku [kn; gDe	6
iz15	fjDr LFkku dh ifirZ djka 1- jkly/ dkun dks gh ----- dgk x; k gA 2- Hkn" k.k gR; kdKM ds ckn ijs ----- ea ek'kzy ykW yxk fn; k x; kA 3- ejh l kjh fprk, ----- ds >M dh rjg ejs flj ea bdBBk gks jgh gA 4- v]xatc fl QZ ----- l ky dk gA 5- ,fy; k viuh iRuh dks l a/k/kr djds ----- fy[kk djukA	5

iz16	feyku dj&		5
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	;k&u	cpm	
	y&h	ckr	
	nh;k	tyus	
	cfQ&h	ckjg ?k&s	
iz17	fdlgh N% izuka ds m&kj fyf[k,		12
	1- ^i& dh 'kfDr vl hfer g&A** Li"V dhft,A		
	2- ,fy;k dh nks pfj=xr fo'k&rk,i fyf[k&A		
	3- jLI kd'kh fduds chp g&rh Fk&\ bl dk Q& yk d&u djrk Fk&\		
	4- dye dks cMh& 'kfDr D;k& dgk x;k g&.		
	5- Qjku i<s tkus ds ckn 'kkgtgk& dh D;k i&rf&D;k Fk&\		
	6- [kkukn&k k phfV;k& dh rhu fo'k&rk,i fyf[k, \		
	7- jfolnukFk V&X&j f'kykb&hg D;k& x, Fk& ogk& m&lgk&us D;k fu'p; fd;k&\		
	8- ek& l mhi ds fdl 0; ogk& l s [kq k Fk&h&		
iz18	Hkko Li"V dhft,&		2
	^tks v&B fgykus ea jI g& og Hk& u gkFk pykus e&A**		
	vFkok		
	^dye mxyrh vx&] tgk& v{kj curs fp&kj&hA**		
	Hkx&n		
iz19	[ky l&ak&h l kexh miyC/k djkus g&g iz&kkukpk;Z th l s l&kn LFk&fir dhft,A		6
iz20	fuEu l s fdlh ,d fo"k; ij 200 'k&nk& ea fuc&k fyf[k,&		7
	1- lekpkj i=k& dh mik&rk	2- cjkst&xkj&h	
	3- vk/k&ud ukjh	4- fo ky; thou o vu&kk&l u	
iz21	le; dk egrro crkrs gq Nk&s Hk&bZ @ cfgu dks i= fyf[k&A		7
	vFkok		
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**Half Yearly Examination 2018 -19****Class – VII****Subject – English****Time : 3 : 00 Hrs.****M.M.80****Section – A Reading**

- Q.1 Read the passage carefully and Answer the following Questions from the passage: **1×7=7**
- Sabrimala is in the Western Ghats and is named after Sabri – the tribal woman mentioned in the Ramayana, Who attained salvations after her meeting with Ram. Sabrimala is believed to be the abode of Lord Ayyappa and is visited by about one crore pilgrims every year. For 41 days devotees follow a controlled lifestyle. They eat only vegetarian food, refrain from consuming alcohol or tobacco, and follow personal cleanliness and Celibacy. Pilgrims wear only black clothes and don't shave. Irrespective of cast, creed, social status or religious belief, anyone can worship at the temple. All pilgrims are referred to as 'Swami' during the pilgrimage. Offerings to Ayyappa are tied in a bag with Compartments known as irumudi. This contains a ghee filled coconut, betel leaves, nuts and incense sticks. Pilgrims carry the offerings on their heads throughout the arduous journey chanting the slogan 'Swamiye Saranam Ayyappa' which means 'Oh Ayyappa; I seek refuge in you'. The 18 steps to the temple represent the 18 puranas. Close to the temple's entrance, there is a temple to a Muslim disciple, Vavar Swamy while those of two tribal chiefs, Kadutha Swamy and Karuppa Swamy, are positioned on either side of the steps.
- Answer the Questions :
- How did Sabrimala get its name?
    - From the tribal man Kadistha.
    - From the name of Sarbala.
    - From the name of Sabarmati.
    - From the name of Sabarmati.
  - When did sabri attain salvations?
    - After her meeting with Ram
    - After her meeting with Sant Matang
    - After her meeting with a lion
    - After her meeting with Sita
  - What is the significance of 'irumudi'?
    - Irumudi is the offering of Lord Ayyappa
    - Irumudi is a kind of sweets
    - Irumudi is a ghee filled. Coconut
    - Irumudi is a betel leaf
  - What do the 18 steps represent?
    - Represent 18 miles
    - Represent 18 km.
    - Represent 18 puranas
    - Represent 18 Gods
  - Find out the words from the passage which means the same as : "A place of Worship".
  - For how many days devotees follow a controlled lifestyle.
  - Give a suitable title to the passage.

- Q.2 Read the passage and answer the following Questions : **1×7=7**

**Breakfast : Key to Good Health**

Good breakfast is the key to a healthy life style determining the quality of your whole day's nutrition, according to research.

And the best way to start the morning is with simple bowl of a healthy cereal, as it makes people less likely to turn to fatty, sugary food through the rest of the day, reports express.

The study, by nutritionist Sigrid Gibson revealed the healthiest breakfast choice is cereal with mild because it is a good source of calcium and numerous other key nutrients, such as fibre, protein and carbohydrate.

The research team analyzed 12,068 food records from the National Diet and Nutrition Survey, Which interviewed Britons aged from 19 to 64.

The results showed that one in five adults ate no solid food for breakfast, one third chose cereals and 45 percent enjoyed a non-cereal breakfast. The most popular item was tea or coffee, taken on 84 percent of breakfast occasions.

Milk was consumed with 88 percent of breakfast, followed by cereal (39 percent), Bread (33 percent), and fruit (14 percent).

The healthiest breakfast choice is cereal with milk. The study found that eating Breakfast was associated with a lower fat and higher carbohydrate intake over 24 hours compared with skipping breakfast.

Answer the following :

- (i) On the bases of your reading, complete the following sentences :
  - (a) According to the passage, the quality of our whole days nutrition is largely determined by ----- .
  - (b) We should start our morning with ----- .
- (ii) Complete the following data based on the survey conducted :
  - (a) Total number of food records analysed ----- .
  - (b) Age group of the people interviewed ----- .
  - (c) Percentage of people consuming (A) Milk----- (B) Cereals -----
- (iii) According to a research, the healthiest breakfast choice is cereal with milk. How?
- (iv) Find the word from the passage which mean the same as -----  
People living in Britain (Para 3-4)

Q.3 Read the poem carefully and Answer the questions that follow :

1×6=6

In form and feature, face and limb,  
I grew so like my brother  
That folks got taking me for him,  
And each for one another.

One day, to make the matter worse,  
Before our names were fixed,  
As we were being washed by nurse,  
We got completely missed.

And thus, you see, by fate's decree,  
or mother nurse's whim,  
My brother John got Christened me,  
And I got Christened him.

This fatal likeness even dogged  
My footsteps when at school,  
And I was always getting flogged,  
For John turned out a fool.

Oar close resemblance turned the tide  
Of my domestic life,  
For somehow my intended bride  
Became my brother's wife.

In fact, year after year, the same  
Absurd mistakes went on;  
And when I died, the neighbours came  
And buried brother John.

- (A) Pick out two rhyming pairs from the poem.
- (B) Which word from the passage means 'strange and funny'.
- (C) Match the following :
  - (i) In forms, feature, face and limb      -(a) It came to a terrible stage
  - (ii) And each for one another              -(b) All our relatives were extremely perplexed
  - (iii) It puzzled all our kith and kin        -(c) To take one for another, to confuse between two
  - (iv) It reached a fearful pitch              -(d) In physical appearance

#### Section – B writing

Q.4 You are Gokul, a student of class 7<sup>th</sup>. In your first term Exams., you scored well in all the subjects but your grades in Science were very, poor although you had worked hard. This has made your mother quite upset. Write a **letter** to her, explaining the cause of your poor performance and promise her to improve your grades in future.

OR

You are Venkat Jyengar (Venkat \_ [Jyengar@bharatam.com](mailto:Jyengar@bharatam.com)). Your favourite teacher is on leave as she is suffering from Typhoid. Write an **e-mail** to be sent to her. Wishing her a speedy recovery. Your teacher's mailing address is [girijadevi\\_kutti@edumail.net](mailto:girijadevi_kutti@edumail.net).

- Q.5 Taking ideas from the verbal hints given below. Write **an article** in about 150 words on 'Advantages of Cycling'.

6

Hints :- [ Paddle for Health – tones body, increases stamina, saves fuel, eco friendly, strengthen muscles, gives energy.]

OR

Read carefully the outlines of a story and develop these outlines into a story. Also suggest a title and a moral.

Sukriti :- 7<sup>th</sup> class student – pet rat – white – named Tobu – kept in an empty chocolate box – fed cheese, biscuits, cake – one day – took rat to school – in bag among books – recess – all kids excited – rat box missing after music class – cried scolded by teacher – search started – box found near lawn – Tobu not inside – sukriti Gied – came home – saw something moving in school bag – It was Tobu – happy and relieved.

- Q.6 Write **a short paragraph** describing your father's / mother's mobile phone. The following points may be useful to you.

4

Hints :- Brand name, colour, screen size, operating system, Features etc.

OR

As Ashmeet Sandhu, a student of class 7<sup>th</sup> at spring field Public School, Abohar, draft **a notice** to be put on the school notice board giving details of a book that you have lost somewhere in the school campus offer a suitable reward to the finder and put your notice in a box.

Grammar

- Q.7 The following passage have not been edited. There is an error in each line with a blank against it. Write the incorrect word and the correct word in the space provided against each line.  $\frac{1}{2} \times 6 = 3$

	Incorrect	Correct
Touch or smell are very useful	(a) -----	-----
senses. This senses are	(b) -----	-----
naturally developed on the	(c) -----	-----
persons who cannot saw, speak	(d) -----	-----
or hear. Peoples, who cannot	(e) -----	-----
see, uses their sense of touch to read and write.	(f) -----	-----

- Q.8 Re-arrange the following words to make a meaningful sentence :

$1 \times 2 = 2$

- (i) the plant / beautiful / a / flowers / are / part of.  
(ii) the earth / animals / are / many / on / There.

- Q.9 Fill in the blanks :

$\frac{1}{2} \times 6 = 3$

- (i) This is your pen. This pen is ----- [Possessive Pronoun]  
(ii) The man threw a line and caught the fish all by ----- [Reflexive Pronoun]  
(iii) I have ----- aunt in Australia. [Articles]  
(iv) My father loves to read ----- times News.  
(v) ----- girls have not come for sports practices. [Much / Many]  
(vi) Can you give me ----- information about places of interest in the town? [some / any]

- Q.10 Do as directed :

$1 \times 7 = 7$

- (i) They have seen the office. [Change into negative form]  
(ii) You have taken tea. [Change into Interrogative form]  
(iii) I had been dancing for two hours. [Change Future Perfect Continuous Tense]  
(iv) The peon rings the bell at 7'O Clock. [Change into Past Simple]  
(v) I like Mangoes. [Change the Voice]  
(vi) She is plucking flowers.. [Change the Voice]  
(vii) He has paid his dues. [Change the Voice]

**Section – C Literature**

Q.11 Read the extract and answer the following Questions (Any One) :

4

“Go ahead and buy whatever you need dear”

- (a) Who said these words and to whom?
- (b) What did the person spoke to need to buy? Did the person buy whatever was needed?
- (c) What happened the next day?
- (d) Manjula was thirteen years old. [True / False]

**OR**

“He was willing even to share his food with us”.

- (a) Who was willing to his food and with whom?
- (b) What food did he share with the narrator?
- (c) What food did he “like”?
- (d) Match :

- (i) Siesta - (A) a short nap
- (ii) Convulsed - (b) disturbed

Q.12 (i) Complete the following sentences :

**1×4=4**

- (a) The tiger is known for being a ----- .
- (b) “At times the tiger is not charged with electricity” means that ----- .

(ii) Tick the correct options :

- (a) The school boys come out in the rain to.  
(A) Mimic others (B) sail their paper boats
- (b) The oxen seem to thank the Lord because the rain gives them ----- .  
(A) Time to rest (B) food

Q.13 Answer the following Questions in 10-20 words (Any Eight) :

**1×8=8**

- (i) Why did the spring not come to the Giant’s garden?
- (ii) How do we know that Giant sincerely felt sorry for his action?
- (iii) Describe the place where Govinda sat reading the scriptures?
- (iv) What did Raghunath do when Govinda throw the bangles into the river? What does this tell you about Raghunath?
- (v) Did the narrator’s hosts eat dinner in the dark every day? Why did they do so that day?
- (vi) Why did the family not have company often?
- (vii) How did the wise men discovered what the object was?
- (viii) Why did the oldman describe the object as a fine grain?
- (ix) What is the poet unsure about as he watches the motionless butterfly? Why?
- (x) ‘Here lodge as in a sanctuary’. What is the poet inviting the butterfly to do?

Q.14 Answer the following Questions in 30-40 words (Any Four) :

**2×4=8**

- (i) What do spring and winter symbolize in the story (The Selfish Giant)?
- (ii) Do you think Manjula’s family was well off? Give reasons to support your answer?
- (iii) Why do you think the children sold the object for a penny whereas the traveler sold it to the king as a curiosity?
- (iv) Why do you think the old man considered selling and buying a grain a sin?
- (v) Which lines tells us that the poet is no longer a child in the poem ‘To a butterfly’?
- (vi) Do you think Harold’s physical appearance was important to the narrator and his family? What was their reaction to the hornbill?

Q.15 Attempt Any One :

**6×1=6**

Character sketch of Manjula

**OR**

Summary of the poem “To a Butterfly”

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**Part - D**

Q.5 Long Type Questions (Any Five) – **5×4=20**

- (i) Solve :  $\frac{1}{13} \times 3\frac{1}{3} + 2\frac{2}{3} \div 4\frac{1}{3}$ .
- (ii) The product of a fraction and the sum of  $5\frac{1}{3}$  and  $6\frac{1}{3}$  is 3. What is the fraction.
- (iii) The sum of three consecutive Integer is 36. What are these Integers?
- (iv) An Alloy consists of 30% copper, 40% Zinc and the remaining is nickel. Find the amount of nickel in 20 kilograms of Alloy.
- (v) Find cost price : S.P. sofa = ₹ 7000, loss = 12½%.
- (vi) In a triangle, the measures of the angles are  $x$ ,  $x+20$  and  $2x$ . What is the value of  $x$ ?
- (vii) A lawn is 80m. long and 60m. wide. There is a swimming pool of length 20m. × 6m. in this lawn. What will be the cost of putting grass in the remaining part of the field at ₹ 30 per square metre?
- (viii) A circus tent has a radius of 30m. The ring at the centre for performance by artists is 10m. in radius. Find the Area left for the Audience. Use  $\pi=3.14$ .

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NLCS/2018/115

**Half Yearly Examination 2018 -19**

**Class – VII**

**Subject – Mathematics**

**Time : 3 : 00 Hrs.**

**M.M.80**

**Part - A**

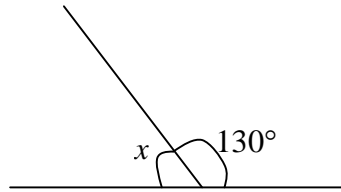
- Q.1 Write True OR False : **1×5=5**
- (i) The difference between two Integers can be zero.
  - (ii) The Absolute value of a rational number is greater than or equal to that number itself.
  - (iii) The sum of any two sides of a triangle is greater than its third side.
  - (iv) The perimeter of a circle is called its diameter.
  - (v) Multiplying two unlike signs gives in result as positive.
- Q.2 Fill in the blanks : **1×5=5**
- (i) ----- ÷ (- 17 ) = 0
  - (ii)  $\frac{1}{6} = \frac{\square}{36}$
  - (iii) Two angles are complementary if the sum of their measure is equal to ----- .
  - (iv) Area of triangle =
  - (v) The sum of the three interior angles of a triangle is - ---- .

**Part – B**

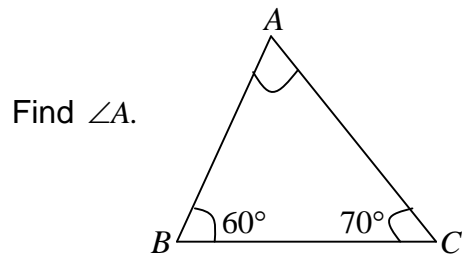
- Q.3 Very Short Questions (Do Any Ten) : **10×2=20**
- (i) Using distributive property find it :  $48 \times 76 + 48 \times 24$
  - (ii) Multiply :  $\frac{16}{35} \times \frac{21}{48}$
  - (iii) Write the Absolute value of  $\left| \frac{-3}{7} \right|$ .
  - (iv) Find the sum of :  $\left( \frac{-3}{7} \right) + \left( \frac{-2}{3} \right)$ .
  - (v) Simplify :  $\left( \frac{3}{2} \right)^3 \times \left( \frac{3}{2} \right)^2$ .



- (vi) Solve :  $y - 14 = -30$ .
- (vii) Express the following percentage as fraction in the simplest form.  $12\frac{1}{2}\%$ .
- (viii) Find the measure of  $x$  in the following :



- (ix) Calculate the magnitude of the Angles as required :



- (x) Find the complements of following angles –  
 (a)  $18^\circ$  (b)  $13^\circ$
- (xi) What is the length of side of a square whose perimeter is 36cm.
- (xii) Simplify :  $(3^\circ - 2^\circ) \times 6^\circ$ .

(xi) **Part - C**

Q.4 Short Type Questions (**Any Ten**) – **3×10=30**

- (i) Simplify using BODMAS :  $(+103) \times [(-3) - (-5)]$
- (ii) The product of two numbers is 105. If one number is  $(-7)$ . What is the other.
- (iii) Solve the following expressions :  $\left(\frac{2}{3} - \frac{4}{9}\right) \times 3\frac{2}{5}$ .

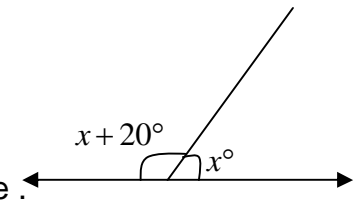
- (iv) A 440 m. long road is being repaired. At the end of the three days. The workers had repaired  $\frac{3}{4}$  of the road. What length of the road is left unrepaired?
- (v) Arrange in descending order :  $\frac{7}{10}, \frac{2}{5}, \frac{-11}{15}, \frac{1}{6}, \frac{17}{30}$ .

(vi) Simplify :  $\frac{(2^4)^2 \times 7^3}{8^2 \times 7}$ .

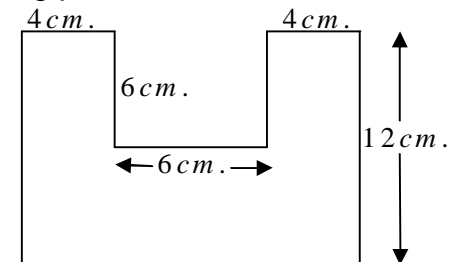
- (vii) Express the following numbers in scientific Notation  
 7,86,40,000

- (viii) Sandeep has twice as much money as Sonia. Together they have ₹ 150. How much money does Sonia have?

- (ix) Find : 85% of 720 fruits.



- (x) Find measure of  $x$  in figure .
- (xi) If the angles of triangle ABC are in the ratio 2:3:4. Find the measure of the angle  $\angle A, B, C$ .
- (xii) Leela drives 4 km. to the North and then 3km. to the east. Find the distance between the starting point and the terminating point.



- (xiii) Find the perimeter of following figures :

Q.8 Answer in detail : **4×5=20**

(i) Why is the filament of a bulb made of a tungsten wire?

**OR**

Explain the working of an electric bell?

(ii) How does the air that we breathe reach the lungs?

**OR**

How is carbon dioxide removed from the human body?

(iii) Explain the life cycle of the silk moth?

**OR**

Explain how wool yarn is produced from the fleece of sheep?

(iv) How do convection currents give rise to breeze in the coastal region?

**OR**

Define conduction, convection and radiation.

(v) How is the process of neutralization helpful in agriculture?

**OR**

Name any two useful salts and mention their uses?

Q.9 Diagram (**Any Two**) : **2×2=4**

(i) Electric bulb (ii) Electric circuit (iii) Thermometer

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NLCS/2018/115

## Half Yearly Examination 2018 -19

Class – VII

Subject – Science

Time : 3 : 00 Hrs.

M.M.80

### Part - A

Q.1 Multiple Choice Question:

$\frac{1}{2} \times 10 = 5$

- (i) Rhizobium bacteria that live in roots of certain plants :
- (a) Make food (b) Store food  
(c) Fix nitrogen (d) Absorb air
- (ii) Saliva contains a digestive juice called –
- (a) bile (b) pepsin  
(c) amylase (d) hydrochloric acid
- (iii) Silk was first discovered in –
- (a) China (b) India  
(c) Africa (d) South America
- (iv) The thermos flask is made up of a double walled glass vessel because glass is a –
- (a) Good conductor of heat  
(b) poor conductor of heat  
(c) Fluid (d) poor insulator
- (v) A base reacts with an acid to form –
- (a) only water (b) only salt  
(c) salt and water (d) rust
- (vi) Paddy grows well in –
- (a) Sandy soil (b) Silty soil  
(c) Loamy soil (d) Clayey soil
- (vii) What transports oxygen to energy part of the body –
- (a) blood (b) lungs (c) water (d) trachea
- (viii) The hour hand of a watch is an example of –
- (a) uniform motion (b) rectilinear motion  
(c) random motion (d) periodic motion
- (ix) A device used to break or complete the circuit is –
- (a) resistor (b) switch (c) battery (d) fuse

- (x) Tungsten metal has –  
(a) low resistance (b) low melting point  
(c) high resistance (d) poor conductive point

Q.2. One word Answer :  $\frac{1}{2} \times 10 = 5$

- (i) Name the device which protects the circuit against sudden increase in electric current?  
(ii) Where is quartz found?  
(iii) In which body part does gaseous exchange occur in fish?  
(iv) What lies below horizon C?  
(v) Name an element which is common to all acids?  
(vi) What is the lower point of an ordinary laboratory thermometer?  
(vii) The fibre that leaves a hard residue upon burning is called?  
(viii) The process by which a living cell releases energy from glucose is called?  
(ix) Give an example of a saprophyte?  
(x) Where is the excess food in a plant stored?

Q.3 Define :-  $1 \times 5 = 5$

- (i) Digestion (ii) heat (iii) Motion  
(iv) Electric circuit (v) Symbiosis

### **Section – B**

Q.4 Very short Answer :-  $1 \times 7 = 7$

- (i) Why can't a single silk fibre form a thread?  
(ii) What is an alkali?  
(iii) What is the water holding capacity of soil?  
(iv) What is produced when human cells respire aerobically?  
(v) What does a speedometer measure?  
(vi) What is a heat insulator?  
(vii) What is the semi-digestive food in the stomach called?

Q.5 Experiment Based Question (**Any Four**) :  $1\frac{1}{2} \times 4 = 6$

- (i) Why does cold water kept in an open container become warm on a hot summer afternoon?  
(ii) Lime juice must not be stored in an aluminium container?  
(iii) Explain the importance of a fuse in an electric circuit?  
(iv) A solution of certain salt does not change the colour of blue or red litmus paper?  
(v) Why is the bulb of a thermometer made of thin glass?

Q.6 Answer in Short [ **Do Any Eight** ] :-  $2 \times 8 = 16$

- (i) Distinguish between autotrophs and heterotrophs?  
(ii) Name any one digestive juice and describe its role in digestion?  
(iii) What is silkworm? What does it eat?  
(iv) What are shelter belts?  
(v) How are dust particles prevented from entering the lungs?  
(vi) Explain the function of an odometer?  
(vii) State the method of increasing the strength of an electromagnet?  
(viii) Define speed? Write the formula?  
(ix) What is breathing?  
(x) What does soil contain?

Q.7 Answer in Brief (**Do Any Four**) :  $3 \times 4 = 12$

- (i) How do bean plants enrich the soil?  
(ii) Explain nutrition in Amoeba?  
(iii) What is compost? Why is it beneficial to soil?  
(iv) Explain how a Quartz watch works.  
(v) How will you distinguish wool from cotton fibre?

Q.7 Answer in Detail :-

5×4=20

- (i) List the historical developments during the medieval period?

OR

Analyse the two battles of Tarain in the light of the facts available to you?

- (ii) Who introduced the market control policy? How did he enforce this policy?

OR

Describe Todar Mal's Bandobast (system of land revenue)?

- (iii) What are the major components of environment?

OR

Write some uses of Minerals.

- (iv) What are volcanoes? What are the different types of volcanoes? Give examples of each.

OR

Write a note on the work of a River.

- (v) Explain the most common form of inequality in our society.

OR

Discuss about the separate roles of the Speaker of the Legislative Assembly and the Governor?

- Q.9 (i) Mark places of Earthquakes in the following states.

4×¾=3

- (a) Gujarat (b) Madhya Pradesh  
(c) Maharashtra (d) Uttrakhand

- (ii) Empire of Muhammad-bin-Tughluq : 4×½=2

- (a) Delhi (b) Kannauj  
(c) Gwalior (d) Devagiri

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NLCS/2018/115

## Half Yearly Examination 2018 -19

Class – VII

Subject – Social Studies

Time : 3 : 00 Hrs.

M.M. 80

Part - A

- Q.1 Multiple Choice Questions : 10×½=5

- (i) Which of the following ruled during the early medieval period?  
(a) Afghans (b) Turks (c) Pratiharas
- (ii) Who was the most popular Chauhan ruler?  
(a) Prithviraj Chauhan (b) Mahmud of Ghazni  
(c) Maharana Pratap
- (iii) What is the meaning of Mamluk?  
(a) Prisoner in Persian (b) Owned in Arabic  
(c) Criminal in Turki
- (iv) Who was the main architect of the land revenue system under Emperor Akbar.  
(a) Birbal (b) Raja Todarmal (c) Jahangir
- (v) Land, water and air together with all the living organisms make up our -----.  
(a) Environment (b) Atmosphere (c) Lithosphere
- (vi) The ----- is the solid outermost layer of the Earth.  
(a) Crust (b) Mantle (c) Core
- (vii) The place of origin of an earthquake is called -  
(a) Epicenter (b) Focus (c) Waves
- (viii) The place where the river originates is called its ---- .  
(a) Source (b) Mouth (c) Rapid
- (ix) Who is responsible for the well being of the people in a Democracy.  
(a) Constitution (b) Police (c) Government
- (x) The procedure of making and passing a law is called ---- .  
(a) Execution (b) Legislation (c) Judicial

- Q.2 Fill in the blanks :- 10×½=5

- (i) ----- rulers founded the city of Dhillika.  
(ii) Jauna Khan was given the title of ----- .  
(iii) A new city called ----- was constructed in Shah Jahan's reign.

- (iv) The part of the Earth's surface which is covered by water is referred to as ----- .
- (v) The changing of one type of rock into another in a cyclic manner is called ----- .
- (vi) A belt of active volcanoes around the Pacific Ocean is called the ----- .
- (vii) Mushroom rocks are found in ----- .
- (viii) ----- is the most popular form of Government in the world.
- (ix) ----- means to remain free from physical and psychological sicknesses and injuries.
- (x) For the sake of elections, states are divided into smaller areas known as ----- .

Q.3 Answer in One word :- **10×½=5**

- (i) Who was the founder of the Mughal Empire?
- (ii) What was an Indian classical dance form performed by trained dancers in South Indian temples?
- (iii) Which city gained importance in the later Medieval Period?
- (iv) Which Emperor introduced an efficient system of administration?
- (v) What is the blanket of air that envelops the Earth called?
- (vi) What is the average thickness of mantle?
- (xiii) Who invented the Richter Scale, the instrument that measures the intensity of an earthquake?
- (xiv) Which the largest number of medical institutions in the world?
- (xv) Who coordinates the discussions in the Vidhan Sabha?

Q.4 Answer in Very Short :- **7×1=7**

- (i) What is the Numismatics?
- (ii) What were Manigramams?
- (iii) Which customs did Balban introduce to uplift the position of the Sultan? Did people like them?
- (iv) Why did Babur come to India?
- (v) Describe ecosystem?
- (vi) What are the different types of waves?
- (vii) List the forms of equality present in our country?

Q.5 Answer in Short :- **9×2=18**

- (i) What does the word medieval mean in history? Name the two sources of medieval history?
- (ii) Write a note on the lineage of Rajputs? Name the three important kulas or clans of the Rajputs?
- (iii) Why was Raziya's reign short and full of problems?
- (iv) Differentiate between Diwan-i-Khas and Diwan-i- Aam?
- (v) Write a short note on biosphere.
- (vi) Differentiate between Magma and Lava.
- (vii) What is an Active volcanoes and Extinct volcanoes?
- (viii) What is a River Basin? Discuss in brief about Loess?
- (ix) What is the difference between discrimination based on Gender and Religion?
- (x) Define health? What are the two types of healthcare services available in India?
- (xi) Describe the growth of healthcare facility in the last 60 years in India?
- (xii) Differentiate between the terms Unicameral and Bicameral?

Q.6 Answer in Brief [**Do Any Five** ]: **5×3=15**

- (i) What was the reason for the origin of the tripartite struggle? Which powers were involved in the struggle? Why was this struggle named so?
- (ii) Sher Shah has been referred to as a philanthropist at heart. Why has he been called so?
- (iii) Discuss lithosphere as one of the domains of the Earth?
- (iv) Describe the main features of sedimentary rocks?
- (v) List some of the most destructive earthquakes in India?
- (vi) Do you agree that Universal Adult Franchise is a unique feature that ensures equality amongst citizens?
- (vii) What is a Bill and how does it become a Law?

**Half Yearly Examination 2018 -19**

**Class – VII**

**Subject – Computer**

**Time : 3 : 00 Hrs.**

**M.M. 80**

**Q.1** Fill in the blanks :

**1×5=5**

[work area, chart, paranthesis, Hexadecimal, form ]

- (i) ----- uses 16 symbols to represent numbers.
- (ii) A function must be followed by opening and closing ----.
- (iii) A ----- provides an easy way to enter or display a record.
- (iv) ----- is an effective way to display data in pictorial form.
- (v) The gray area surrounding the stage is called the ---  
--- .

**Q.2** State True OR False :

**1×5=5**

- (i) 1 multiplied by 0 equals to 0.
- (ii) Libraries is a kind of folder in window 7.
- (iii) A range can be used in a formula.
- (iv) A field names can be duplicated in the database.
- (v) The default stage size is 500 × 400 pixels.

**Q.3** Full form / Short cut :

**1×5=5**

- (i) To get the total of adjacent cells →
- (ii) To insert a chart, instantly in a worksheet →
- (iii) To group multiple worksheets →
- (iv) To insert a frame →
- (v) To display document properties dialog box →

- Q.4 Application Based Questions : 1×3=3**
- (i) Varun's teacher has asked Varun to find the maximum and minimum marks obtained in the class. Which feature of Microsoft Excel should Varun use in order to accomplish the task?
- (ii) Ritu is a student of Class VII her teacher asked her to prepare a chart on the population of four Metro Cities of India. Suggest her the best suited chart type for of her project.
- (iii) Mohit created an animation file using flash. He wants to convert an object to symbol using shortcut key. Which shortcut key should he use?
- Q.5 Multiple Choice Questions : 1×4=4**
- (i) A computer understand only ----- code.  
 (a) English (b) French (c) Binary
- (ii) ----- folder in windows 7 allows you to organize your files in one place.  
 (a) Library (b) Documents (c) Computer
- (iii) Which function finds the largest number in a range?  
 (a) Max (b) Average (c) Count
- (iv) Name the bars or slices that represent the data values on the chart.  
 (a) Data Series (b) Plot Area (c) Legend

- Q.6 Answer in One word : 1×5=5**
- (i) What is the file extension of flash?  
 (ii) Which chart type displays data in the form of a circle?  
 (iii) What do we call a row in a database?  
 (iv) Who introduced the concept of 0 (zero)?  
 (v) From which sign a formula always begins?
- Q.7 Define [Any Four] : 1½×4=6**
- (i) Tint Tweening (ii) Data Series  
 (iii) Pivot Table (iv) Range  
 (v) Sleep mode (vi) Value Axis
- Q.8 Answer in Brief [Any Four] : 2×4=8**
- (i) Explain Number System and its commonly used types.  
 (ii) Explain Window Explorer & write steps to starting Windows Explorer.  
 (iii) What is cell Reference? Mention its types?  
 (iv) What are the rules to enter field name?  
 (v) How is column chart different from a Bar Chart?  
 (vi) Difference between frame and key frame?
- Q.9 Answer in Detail [Any Three] : 3×3=9**
- (i) Convert the following –  
 (a)  $(68)_{10} \rightarrow ( )_2$  (b)  $(1011)_2 - (?)_{10}$   
 (ii) How will you set the Date & time for your computer?  
 (iii) What is a formula? What are the rules to enter function?  
 (iv) How is Advanced filter different from filter?  
 (v) What is chart? Write the components of chart & make diagram?

**Practical / Viva → 20+10=30**

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NLS/2018/115

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