

Half Yearly Examination 2019 – 2020

Time: 3:00 Hrs.

M. M. 80

General Instructions :

Section – A Reading	20
Section – B Writing & Grammar	30
Section – C Literature	30

Section – A [Reading]**Q.1 Read the following passage carefully and answer the questions:**

The kingdoms of West Africa are not nearly as well-known as those of ancient Egypt & Nubia. Yet there was a time when rulers of this region were thought to be the richest kings in all the world. From about AD 300 TO 1700, three great empires flourished in the lands just to the South of the Sahara Desert. There were the empires of Ghana, Mali and Songhay.

Today Ghana is the name of a West African country on the Atlantic coast. It was not part of the ancient empire of Ghana, though. The country of Ghana adopted the name in 1957 in honor of the ancient empire of Ghana. The word Ghana actually means “Warrior-King”. It was a title given to the rulers of the Soninke people who called the homeland Wagadu. Wagadu was located at the edge of the Sahara Desert, far from the ocean. The Soninke people were highly skilled in metal working. For many years they were the only people in the region who knew how to forge iron. This skill helped them become powerful. Metal tools made their farms more productive.

One farmer could grow enough food for many people. This left more people free to follow other occupations. Many men became soldiers. Using metal swords and spears, they easily conquered rivals whose weapons were made of wood or stone. As wagadu grew in size & power, it became an important centre of trade. The regions around it had a variety of resources. The most important of these were gold & salt. Gold came from secret locations in the South. There was so much gold that the Ghana king had to control the supply carefully. Otherwise, it might become too common and lose its value. Salt, on the other hand, was very scarce. Because people need salt to live, it was literally worth its weight in gold. Most of the salt came from the Taghaza mines in the Sahara Desert. Traders bringing salt through wagadu had to pay a large tax in gold. The gold went to the king, who used it to keep the army & the Government strong. Wagadu had so much gold that the first Arabic writer to write about it called it the land of Gold.

1.1 On the basis of your reading of the passage, answer the following Questions : 1×8=8

- (i) Which part of Africa was known as the land of Gold? Why?
- (ii) What does the word Ghana originally mean?
- (iii) How did skill in forging iron help make the Soninke people powerful?
- (iv) Why was salt so expensive? Give two reasons.
- (v) Identify the word which means the same as ‘ancient’ –
(a) Old (b) New (c) Latest (d) Modern
- (vi) Identify the word which means the opposite of ‘flourished’-
(a) Downfall (b) Increase (c) Develop (d) Grow
- (vii) Identify the word which means the same as ‘scarce’ –
(a) Limited (b) Abundance (c) Enough (d) rich
- (viii) Identify the word which means the opposite of conquered –
(a) Lost (b) Achieved (c) Gain (d) defeat

Q.2 Read the following passage carefully :

INDIAN CULTURE

The culture of India is the oldest culture of the World around 5,000 years. Indian culture is considered as the first and supreme culture of the World. There is a common saying about India that “Unity in Diversity” means India is a diverse country where people of many religions live together peacefully with their own separate cultures. People of various religions differ in their language, food tradition, rituals etc. however they live with unity.

Indian are proud of its culture. In our country it is traditional to respect elders, be truthful and honest and also to help out others in need. It is also considered traditional to celebrate our cultural festivals and religious activities with the family & neighbours.

We still retain the tradition of joint family system in our society as part of our culture. The joint family consist not only of husband, wife and their children but also of uncles, aunts and cousins and grandsons. In this tradition, the eldest in the family lays down rules, which are followed by all members of the family.

A joint family system, as per tradition, has a lot of advantages. All family members are specifically delegated responsibilities which lead to sharing and no one is burdened. At the time of crisis or when in need of advice, all the family members can sit together and the final solution, as a result of this discussion, is more often than not the right one. This traditional approach result in the younger members learning from the experience of their seniors and also respecting them due to it. The other aspect of traditional joint family is that strength lies in numbers. Even if family member is ill or goes out of station to work, he has the mental confidence of his family being looked after and being safe, the prime factor today.

In India, tradition has always been to welcome different streams of thought. This is why, Indian culture has witnessed so many religions intermingling and prospering over the ages without bias. Hinduism, Jainism, Islam, Buddhism, the Khalsa Panth and Christianity, to name a few, have been in India over the centuries and it is a part of our tradition that we have not tried to enforce any specific religion on the masses. Our culture teaches tolerance and we have progressed not in spite of it but due to it.

On the basis of your reading of the passage Answer the Questions that follow : **2×4=8**

- 2.1 (i) What is the common saying about India & what is the meaning of the same?
(ii) Why should Indians be proud of its culture?
(iii) What is the tradition of joint family system?
(iv) What are some advantages of joint family system?

- 2.2 Find the words from the passage which mean the same as following – **1×4=4**

- (i) remember things
(ii) Critical moment
(iii) Pass on the responsibility
(iv) become missed together

SECTION – B (Writing & Grammar)

- Q.3 Kritika & Tarun ar the best friends since childhood on friendship day, Kritika wrote a letter for Tarun describing their friendship bond. Similarly, write an article on true friendship using following information – **8**

- * Friendship, a relationship between people who share, love, care & affection
- * A strong bond-people who hold similar thoughts
- * Real friends present at the worse times.
- * Bad times identify real & unreal friends
- * Friendship breaks down due to its ego or self-esteem
- * Real friends never discourage but inspire in right direction
- * In modern times, challenging to get right friends

OR

Make a diary entry describing the horrible experience that you had when your bag was stolen from the Roadways bus recently.

- Q. 4 Write a story with the following beginning. There was once a little grey planet that was very sad. The people living there hadn't looked after it, despite them having all the inventions and space ship you could ever need. They had contaminated the whole countryside so much with rubbish and pollution that there were no plants & animals left 10

OR

There was a storm brewing outside and you were all alone at home. Suddenly the lights went out ----- .

In about 150 words to 200, Write a story. You could use some of the phrases given below.

Jumped in fright – disappeared in a flash – screamed in horror – scared the daylight out of me – to my relief – touched something eerie.

- Q.5 The following passage has not been edited. There is one error in each line. Write the incorrect word and the correct word against each line. Remember underline the correct word. 1/2x8= 4

	Incorrect	Correct
Time management referred to	-----	-----
efficient use time. We every	-----	-----
has the sime twenty-four hours	-----	-----
every day since our disposal. If we	-----	-----
use our time productively but	-----	-----
effectively we can make the must of	-----	-----
the time available to them,	-----	-----
and succeed. Time are money.	-----	-----

- Q. 6 Look at the words and phrases given below, rearrange them to form meaningful sentences - 1x4= 4

- (i) has multiple / as a / life advantages / speaker
- (ii) that it / pleasure / is all / Not / drudgery / and no
- (iii) advantage / greatest / is the / people / one meets / crowd of / its.
- (iv) from the / uneducated / from the / differ / the / as much as / educated / the living dead.

- Q. 7 Read the following conversation & complete the passage given below - 1x4= 4

Teacher – Anuj, why didn't you come to school for the last two days?
 Anuj – Sir, I had a stomach ache.
 Teacher – Has the stomach ache gone now?
 Anuj – Yes Sir, It's fine now.

The teacher asked Anuj (a) ----- . Anuj replied respectfully that (b) ----- . When the teacher further asked (c) ----- . Anuj answered in affirmative and told that (d) ----- .

SECTION – C (Literature)

- Q.8 Read the stanza given below and answer the questions that follow : 1x4 =4

*Away, Away in the Northland,
 Where they harness the swift reindeer.
 To the sledges, when it snows,
 And the children look like bear's cubs
 In their funny, furry clothes :*

- (i) Where they harness ----- whom does "they" here refer to?
- (ii) What is the means of travel when it snows in Northland?
- (iii) How do children look?
- (iv) Why do they wear furry clothes?

OR

“And a thousand recollections

Weave their air – threads into woof.

As I listen to the patter

Of the rain upon the roof”

- (i) Can you name the poem from which these lines have been taken?
- (ii) What happens when the poet listens to the patter of the rain?
- (iii) What metaphor has the poet used in relation to his recollections?
- (iv) Name the figure of speech used in “a thousand recollections”?

Q. 9 Answer the following Questions in 30-40 words :

2×5=10

- (i) What was the biggest aim & object of Montmorency according to the author?
- (ii) Why did the snake free the homeopath?
- (iii) What did Iswaran ask Mahendra on one auspicious day?
- (iv) Why did Bismillah Khan refuse to start a Shehnai School in the U.S.A.?
- (V) What are the two strange things the guru and His disciple find in the kingdom of fools?

Q.10 Answer the following Question in 100-120 words :

8

How did Einstein work for peace and democracy?

OR

What were the circumstances that forced Kezia to change her opinion about her father?

Q.11 Answer the following Question in 100-120 words :

8

Write a character – sketch of the Happy prince.

OR

How is the “the last leaf” a story of hope, friendship and sacrifice?

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भाग – अ

प्र.1 निम्नलिखित अपठित गद्यांश को पढ़कर नीचे लिखे प्रश्नों के उत्तर लिखों
यांत्रिक गति से जाते और लौटते पंडित जी आज सुबह अचानक उस मैदान की ओर बढ़ चले जहाँ कक्षा भवनों से कलकल ध्वनि के साथ बालकों की धारा निकलकर आ रही थी। उन्हें यह समझने में देर नहीं लगी कि यह स्कूली बच्चों की प्रार्थना का समय है। बालक अब पंक्तिबद्ध खड़े हो गए। कलकल ध्वनि शांत हो गई। किसी आंतरिक अनुशासन में सबके मुँह पर शांति और नम्रता की सात्विक आर्द्रता छा गई। सिर किंचित् आगे झुक गए। हाथ जुड़ गए। आँखें मुँदी अथवा अधमुँदी स्थिति में हो गई।

पंडितजी ने सोचा, कौन कहता है कि आज का छात्र वर्ग विद्या-बुद्धि के साथ अनुशासन की दिशा में एकदम खोखला हो गया है? कौन कहता है कि आज छात्रों में उद्दंडता के अतिरिक्त और कुछ नहीं है? ऐसा सोचने वाले एक बार आकर उन्हें इस रूप में देखें, ऊँचे दर्जे के छात्र भी छोटे बालकों के साथ शांत और संयमित हैं? क्या कभी मार पीट कर छात्रों को इतना शांत बनाया जा सकता है? नहीं, यह प्रार्थना और ईश्वर की महिमा का प्रभाव है। भारत वर्ष में शिक्षा को भगवान और उसकी प्रार्थना से काट दिया जाएगा तो वह खोखली हो जाएगी। प्रार्थना सभा की यह भावमग्नता यदि कक्षा-भवन में नहीं रह पाती तो शिक्षा की सफलता संदिग्ध रहेगी।

1. प्रार्थना के समय बच्चों का व्यवहार कैसा हो जाता है और क्यों? 2
2. पंडित जी को प्रार्थना सभा देखकर क्या अनुभव हुआ? 2
3. प्रार्थना और ईश्वर की महिमा का क्या प्रभाव है? 2
4. भारत वर्ष में शिक्षा कब खोखली हो जाएगी? 1
5. गद्यांश का उचित शीर्षक दीजिए। 1

प्र.2 निम्नलिखित पद्यांश को पढ़कर नीचे लिखे प्रश्नों के उत्तर लिखों

सामने कुहरा घना है

और मैं सूरज नहीं हूँ

क्या इसी अहसास में जिऊँ

या जैसा भी हूँ नन्हा सा

इक दीया तो हूँ

क्यों न उसी की उजास में जिऊँ?

हर आने वाला क्षण

मुझे यही कहता है-

अरे भाई, तुम सूरज तो नहीं!

और मैं कहता हूँ-

न सही सूरज

एक नन्हा दीया तो हूँ

जितनी भी है लौ मुझमें

उसे लेकर जिया तो हूँ।
 कम से कम मैं उनमें तो नहीं
 जो चाँद दिल के बुझाए बैठे हैं
 उड़ते फिर रहे थे जुगनू उनके आँगन में
 उन्हें भी मुट्ठियों में दबाए बैठे हैं।

1. कविता में प्रयुक्त 'कुहरा' किसका प्रतीक है? 1
2. 'इक दीया तो हूँ' के माध्यम से कवि क्या कहता है? 1
3. इस कविता का मूल भाव क्या है? 1
4. चाँद को दिल में बुझाने का भाव स्पष्ट कीजिए। 2
5. जुगनू को मुट्ठी में दबाने से क्या आशय है? 2

भाग-ब

- प्र.3 निर्देशानुसार उत्तर दीजिए- 4×1=4
1. अवनति शब्द में प्रयुक्त उपसर्ग और मूल शब्द लिखिए।
 2. 'उत' उपसर्ग से दो शब्द बनाइये।
 3. मानवता शब्द में प्रयुक्त प्रत्यय और मूल शब्द लिखिए।
 4. 'क' प्रत्यय से दो नए शब्द बनाइये।
- प्र.4 निम्नलिखित समस्त पदों का विग्रह करके समास का भेद लिखिए- 3
- कुसुमकोमल जलधारा निस्संदेह
- प्र.5 (अ) अर्थ की दृष्टि से वाक्य भेद बताइये। 2
1. इधर से जाएँ। 2. सदैव विजयी रहो।
- (ब) निर्देशानुसार वाक्य परिवर्तित कीजिए- 2
1. हम दिल्ली जाएँगे। (प्रश्नवाचक) 2. आज वर्षा होगी। (निषेध वाचक)
- प्र.6 (अ) पंक्तियों में प्रयुक्त अलंकार का नाम बताइये। 4
1. ऋतुओं की रानी कहलाती, पहन बसंती ताज है आती। 2. तरु पल्लव चंद्रकला से धुले।
 3. जेते तुम तारे तेते नभ में न तारे हैं। 4. अनुप्रास अलंकार का उदाहरण लिखिए।

भाग-स

- प्र.7 निम्नलिखित पठित गद्यांश को पढ़कर नीचे लिखे प्रश्नों के उत्तर लिखें
- नीलाम हो जाने के बाद दोनो मित्र उस दड़ियल के साथ चले। दोनों की बोटी-बोटी काँप रही थी। बेचारे पाँव तक न उठा सकते थे, पर भय के मारे गिरते पड़ते भागे जाते थे, क्योंकि वह जरा भी चाल धीमी हो जाने पर जोर से डंडा जमा देता था।
1. दड़ियल कौन था तथा वह किसे ले जा रहा था? 2
 2. दोनों मित्रों की स्थिति कैसी हो रही थी? 2
 3. चाल धीमी किसकी हो रही थी? 1
- प्र.8 निम्न प्रश्नों में से किन्हीं चार के उत्तर संक्षेप में लिखिए- 4×2=8
1. लेखक ने कौनसे पूर्व प्रधानमंत्री को गाँव की मिट्टी से जुड़ा हुआ माना और क्यों?
 2. सालिम अली को लेखक ने अथाह सागर क्यों कहा?
 3. शंकर विहार में रखे ग्रन्थों की विशेषताएँ बताइए?

4. भारत की तुलना में तिब्बती महिलाओं की सामाजिक स्थिति कैसी थी? स्पष्ट कीजिए।
5. वृंदावन में कृष्ण की मुरली का जादू हमेशा क्यों बना रहा?
- प्र.9 निम्नलिखित पठित पद्यांश को पढ़कर नीचे लिखे प्रश्नों के उत्तर लिखें
- काबा फिरि कासी भया, रामहि भया रहीम।
मोट चून मैदा भया, बैठि कबीरा जीम।।
1. प्रस्तुत साखी का भावार्थ स्पष्ट कीजिए। 2
 2. काबा और काशी में किसका निवास है? 2
 3. मोट चून का क्या आशय है? 1
- प्र.10 निम्न प्रश्नों में से किन्हीं चार के उत्तर संक्षेप में लिखिए 4×2=8
1. खोजी पल भर में किसे ढूँढ सकता है और कहाँ?
 2. 'आई सीधी राह से, गई न सीधी राह' से कवयित्री का क्या आशय है?
 3. कवयित्री के मोक्ष पाने के प्रयास किसके समान असफल हो गए और क्यों?
 4. कवि कृष्ण की निकटता पाने के लिए क्या प्रयास करने को तैयार है?
 5. कवि को किससे ईर्ष्या हो रही है और क्यों?
 6. स्वतंत्रता सेनानियों को जेल में क्या-क्या यातनाएँ दी जाती थी?
 7. गोपी श्रीकृष्ण की मुरली अपने अधरों से क्यों नहीं लगाना चाहती थी?
- प्र.11 शिक्षा बच्चों का जन्मसिद्ध अधिकार है- लेखिका के द्वारा इस दिशा में किए गए प्रयासों का उल्लेख कीजिए।
- अथवा
- डराने-धमाकने, उपदेश देने या दबाव डालने की जगह सहजता से किसी को भी सही राह पर लाया जा सकता है- पाठ के आधार पर तर्क सहित उत्तर दीजिए। 4
- भाग-द**
- प्र.12 मोहल्लों में लाउडस्पीकरों का शोर ध्वनि प्रदूषण को बढ़ा रहा है। इस समस्या का वर्णन करते हुए किसी प्रसिद्ध समाचार पत्र के संपादक को पत्र लिखिए। 5
- अथवा
- नित्य प्रातःकाल उठकर खुली हवा में घूमने और व्यायाम करने की सलाह देते हुए अपने छोटे भाई को पत्र लिखिए।
- प्र.13 दिनोंदिन बढ़ रहे प्रदूषण की समस्या पर मित्र से संवाद कीजिए। 5
- अथवा
- नियमित योगाभ्यास एवं उससे होने वाले लाभ की जानकारी प्राप्त करते हुए पिता के साथ संवाद कीजिए।
- प्र.14 निम्न से किसी एक विषय पर 250 से 300 शब्दों में निबंध लिखिए- 10
1. जल ही जीवन है → जल 'जीवन' का पर्याय, प्रकृति का वरदान, जल संकट की स्थिति, जल प्रबंधन के उपाय, उपसंहार
 2. पर्यटन का महत्त्व → पर्यटन का आनंद, पर्यटन के लाभ, पर्यटन:एक उद्योग, पर्यटन के प्रकार, उपसंहार।

Q.14 If $8x = \frac{64}{2^x}$, then the value of x is ----- .

- (a) $\frac{2}{5}$ (b) $\frac{3}{2}$ (c) $\frac{1}{2}$ (d) 1

Q.15 Two sides of a triangle of length 7cm. and 3.5cm. The length of third side of the triangle cannot be –
 (a) 3.6cm. (b) 4.1cm. (c) 3.4cm. (d) 3.8cm.

Q.16 Mirror image of point (3,9) in x - axis is ----- .

- (a) (-3,9) (b) (9,3) (c) (-3,-9) (d) (3,-9)

Q.17 The value of $2\sqrt{3} + \sqrt{3}$ is ----- .

- (a) $2\sqrt{6}$ (b) 6 (c) $3\sqrt{3}$ (d) $4\sqrt{6}$

Q.18 An exterior angle of a triangle is 100° , and the two interior opposite angle are equal. Each of these angles is ----- .

- (a) 70° (b) 50° (c) 40° (d) 100°

Q.19 $x^{52} + 51$ is divided by $x + 1$, then the remainder is –

- (a) 0 (b) 51 (c) 50 (d) 52

Q.20 In ΔABC and ΔDEF , $AB=DE$, $BC=EF$, $\angle A=\angle D$. Are the triangles congruent? If yes by which congruency rule?

- (a) Yes, by SAS (b) No (c) Yes, by SSS (d) Yes, by RHS

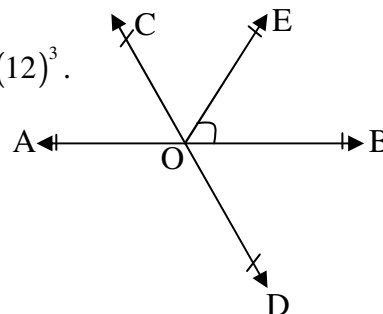
Section - B

Question Number 21 to 26 carry Two Marks each.

Q.21 Prove that every line segment has one and only one mid point.

Q.22 Without actually calculating the cubes, find the value of $(14)^3 - (2)^3 - (12)^3$.

Q.23 Express $5.\bar{2}$ in the form of $\frac{p}{q}$, where p, q are integers and $q \neq 0$.



Q.24 In figure lines AB and DC intersect at O if $\angle AOC + \angle BOE = 70^\circ$ and $\angle BOD = 40^\circ$, find $\angle BOE$ and find $\angle AOD$.

Q.25 An isosceles triangle has perimeter 30cm. and each of the equal sides is 12cm. Find the area of the triangle.

Q.26 Find the value of K if $x - 3$ is a factor of $p(x) = Kx^2 - x - 15$.

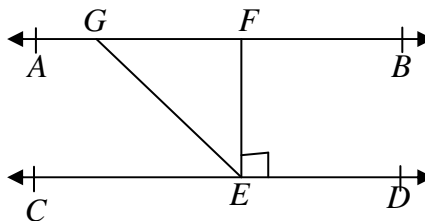
Section - C

Question Number 27 to 34 carry Three Marks each.

Q.27 Represent $\sqrt{9.3}$ on the number line.

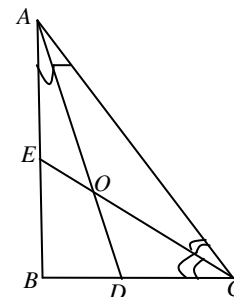
Q.28 By actual division find the quotient and remainder when polynomial $x^4 + 2x^3 + 3x^2 + 2x + 3$ is divided by $x + 1$.

Q.29 In figure, if $AB \parallel CD$, $EF \perp CD$ and $\angle GED = 126^\circ$, find $\angle AGE$, $\angle GEF$, $\angle FGE$.

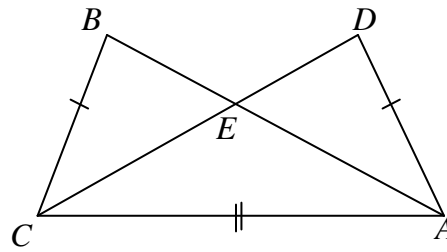


OR

In ΔABC , AD and CE are bisectors of $\angle A$ and $\angle C$ respectively. If $\angle ABC = 90^\circ$ then find $\angle AOC$.



- Q.30 In the figure $AB = CD$ and $BC = AD$. Prove That $\triangle ADC \cong \triangle CBA$ and $\angle D = \angle B$.



- Q.31 Draw the graph $x + y = 7$.

OR

Give the geometric representation of $y = 3$, as an equation (i) in one variable, (ii) in two variable.

- Q.32 A triangle and a parallelogram have the same base and the same area. If the sides of the triangle are 26cm., 28cm. and 30cm. and the parallelogram stands on the base 28cm. Find the height of parallelogram.

OR

A field in the shape of trapezium whose parallel sides are 25m. and 10m. The non-parallel sides are 14m. and 13m. Find the area of the field.

- Q.33 Mark the point A (2,2), B (2, - 2), C (-2, -2) and D (-2,2) on a graph paper and join these points in order. Identify the figure so obtained. Also find the area of the figure.

- Q.34 Represent $2 + \sqrt{3}$ on number line.

OR

To prove :
$$\frac{a^{-1}}{a^{-1} + b^{-1}} + \frac{a^{-1}}{a^{-1} - b^{-1}} = \frac{2b^2}{b^2 - a^2}.$$

Section - D

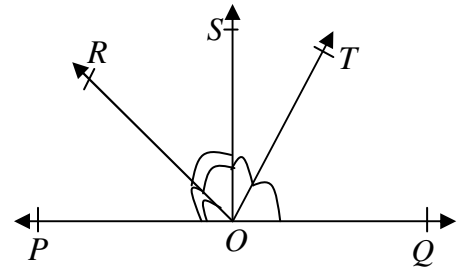
Question Number 35 to 40 carry four Marks each.

- Q.35 Factorise $y^3 - 2y^2 - 29y - 42$.

- Q.36 If a transversal intersects two lines such that the bisectors of a pair of corresponding angles are parallel, then prove that the two lines are parallel.

OR

In the figure, ray OS stands on a line POQ. Ray OR and ray OT are angle bisector of $\angle POS$ and $\angle SOQ$ respectively. Find $\angle ROT$.



- Q.37 If $\frac{7 + 3\sqrt{5}}{3 + \sqrt{5}} - \frac{7 - 3\sqrt{5}}{3 - \sqrt{5}} = a + \sqrt{5} b$ Find a and b ,

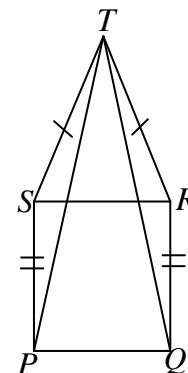
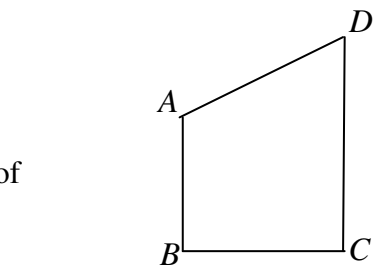
OR

If $a = 7 - 4\sqrt{3}$, find the value of $\sqrt{a} + \frac{1}{\sqrt{a}}$.

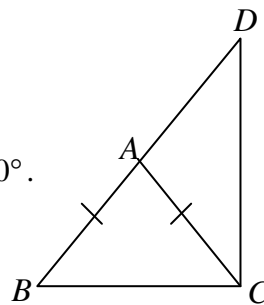
- Q.38 In figure AB and CD are respectively the smallest and longest sides of a quadrilateral $ABCD$. Show that $\angle A > \angle C$ and $\angle B > \angle D$.

OR

In figure $PQRS$ is a square and SRT is an equilateral triangle. Prove that : (i) $PT = QT$ (ii) $\angle TQR = 15^\circ$



- Q.39 In given figure $\triangle ABC$ is an isosceles triangle in which $AB = AC$. Side BA is produced to D such that $AD = AB$, show that $\angle BCD = 90^\circ$.



- Q.40 If a, b, c are all non zeroes and $a + b + c = 0$. Prove that $\frac{a^2}{bc} + \frac{b^2}{ca} + \frac{c^2}{ab} = 3$.

OR

Factorise : $4x^2 + y^2 + z^2 - 4xy - 2yz + 4xz$.

Half Yearly Examination 2019 – 2020

Time: 3:00 Hrs.

M. M. 80

Q.1 Fill ups :

1/2x10=5

- (i) The ----- prints its output on special heat sensitive paper.
- (ii) ----- help to reduce consumption of storage space and ensures faster transfer of large files.
- (iii) ----- is loaded first and remains in the memory until the operating system is shut down.
- (iv) -----handles the interaction with users.
- (v) The right side of the taskbar is known as the ----- .
- (vi) The maximum range of LAN can be ----- km.
- (vii) ----- is temporary in nature.
- (viii) A password should be minimum ----- characters long.
- (ix) A ----- is just like a key to you personal information.
- (x) Ms Word is a popular ----- program.

Q.2 State True OR False :

1/2x10=5

- (i) There are two types of printer.
- (ii) There are 12 function keys on the keyboard.
- (iii) Decryption is the process of converting the data which cannot be understood by all lemons.
- (iv) DBMS is a utility software.
- (v) Android is an open source platform operating system.
- (vi) We can restore the files that a Recycle bin folder holds.
- (vii) We cannot add items to the Quick Launch Bar.
- (viii) The maximum range of LAN can be 50 km.
- (ix) Picture formats are recognized by the extension like .gif and .jpg.
- (x) File tab menu contains the New option.

Q.3 Write the correct Answer :

1/2x10=5

- (i) A laser printer uses ----- .
(a) Heat sensitive paper (b) Photocopy technology (c) None of these
- (ii) Which type of Application software is the Kaspersky?
(a) Disk Management (b) Virus Scanner Cleaner (c) Decryption
- (iii) Which type of Interface does the windows operating system have?
(a) GUI (b) CUI (c) Both

- (iv) On which bar start button is located :
 (a) Menu bar (b) status bar (c) Task bar
- (v) ----- is the quicker way to resize the open window.
 (a) Arrow peak (b) snap (c) Jump list
- (vi) The computers which are located at far away locations use the ----- system for data communication.
 (a) Cable (b) Hubs (c) Telecommunication
- (vii) Which of the following is not a basic hardware component which connects the nodes in a network?
 (a) Hub (b) ISP (c) Bridge
- (viii) In which year Cyber law was introduced?
 (a) 2009 (b) 2001 (c) 2000
- (ix) Name the software that helps the other malware to enter in your system and harm it :
 (a) Keyloggers (b) Ransomware (c) Backdoors
- (x) The vertical ruler bar formats the ----- alignment of text.
 (a) Top (b) Right (c) Vertical

Q.4 Write full forms / short cut : **1×5=5**

- (i) OCR (ii) DTP (iii) To switch to the other application
- (iv) TCP (v) Display & Minimize the Ribbon

Q.5 Answer in Short [**Do Any Six**] : **2½×6=15**

- (i) Differentiate between Flash Drive and Memory stick.
- (ii) Differentiate between Compiler and Interpreter.
- (iii) What is the difference between single user operating system and multi user operating system?
- (iv) Explain any two features of Windows 7 operating system.
- (v) What is computer network? Write any three point of advantages of networking?
- (vi) Write a note on Cyber law.
- (vii) Write about any two different types of techniques used for cracking passwords.
- (viii) Explain the term word processor. Write any five important features of Word Processor.

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

- (i) Define the different types of scanners.
- (ii) What is an O/S? Name the major function of the operating system.
- (iii) Explain the start button and the option available in its menu.
- (iv) What is the Internet? Briefly explain any three uses of the Internet.
- (v) What are cookies and what are their types?
- (vi) What is Ribbon in Ms Office 2010? Explain its part.
- (vii) List the three different ways of creating a blank document in Ms Word.

Half Yearly Examination 2019 – 2020

Time: 3:00 Hrs.

M. M. 80

Note: Section A Question No. 1 to 20 carry One Mark only. Section – B Question No. 21 to 30 carry 3 Marks each. Section – C Question No. 31 to 36 carry 5 Marks each.

SECTION - A

- Q.1 Action and reaction forces – 1
 (a) Act on the same body (b) Act on different body (c) Act in same direction (d) Both (a) and (c)
- Q.2 What is the physical state of water at 200° C? 1
- Q.3 What is the main function of Golgi bodies? 1
- Q.4 The SI unit of force is - 1
 (a) kg m/ sec. (b) kg m/s² (c) Newton (d) Newton – meter
- Q.5 Mass per unit volume is known as ----- . 1
- Q.6 Write the different types of ER and their function. 1
- Q.7 What do we get by the product of mass and velocity - 1
 (a) Force (b) Inertia (c) Momentum (d) Newton
- Q.8 The fifth state of matter is ----- . 1
- Q.9 What are the functions of stomata? 1
- Q.10 A body of mass 1 kg is attracted by the earth with a force which is equal to - 1
 (a) 9.8 N (b) $6.67 \times 10^{-11} \text{ Nm}^2/\text{kg}^2$ (c) 1N (d) 9.8 m/s
- Q.11 0°C = ----- K. 1
- Q.12 Draw labeled diagram of Nerve cell. 1
- Q.13 The value of acceleration due to gravity - 1
 (a) is least on equator (b) is least on pole
 (c) is same on equator and pole (d) Increase from pole to equator
- Q.14 Mixture of two or more metals or a metal and a non-metal is called ----- . 1
- Q.15 Write four examples of macronutrients of plants which are absorbed by soil. 1
- Q.16 The SI unit of displacement is - 1
 (a) kg (b) meter (c) centimeter (d) m/s
- Q.17 To separate drug from blood ----- method is used. 1
- Q.18 What are benefits of crop variety improvement? 1
- Q.19 The components of air is separated by ----- method. 1
- Q.20 Give an example of motion in which acceleration is uniform. 1

SECTION – B

- Q.21 A motorboat starting from rest on a lake accelerates in a straight line at a constant rate of 3 m/s^2 for 8 second. How far does the boat travel during this time? 3
- Q.22 (i) Differentiate between Prokaryotic and Eukaryotic cell. 3
(ii) Differentiate between plant cell and animal cell.
- Q.23 (i) Why do trees acquire more leaves during summer? 3
(ii) What causes more severe burns boiling water or steam? Why?
(iii) Why do we see water droplets on the outer surface of a glass containing ice cold water?
- Q.24 When a carpet is beaten with stick, dust comes out of it? Explain. 3

OR

Why is it advised to tie any luggage kept on the roof of a bus with a rope?

- Q.25 (i) Differentiate between hybridization (GMO) and their types and benefits. 3
(ii) What are the major groups for improving crop yields?
- Q.26 (i) What do you understand by latent heat of fusion? 3
(ii) Why do the doctors advise to put strips of wet cloth on the forehead of a person having high fever?
(iii) Why does our palm feel cold when we put some acetone on it?
- Q.27 State the universal law of gravitation. Write two factors on which gravitational force between two objects depend? 3
- Q.28 Differentiate between striated, unstriated and cardiac muscles with diagram. 3
- Q.29 Define : (i) Saturated solution (ii) Pure substance 3

OR

Write Four difference between compound & Mixture.

- Q.30 State conservation of momentum. Prove it with two body collision. 3

OR

- (i) State Newton second law of motion and find the force.
(ii) Two objects each of mass 1.5kg are moving in the same straight line but in opposite directions. The velocity of each object is 2.5 m/s before the Collision during which they strike together. What will be the velocity of the combined object after the collision.

SECTION – C

- Q.31 Differentiate between Parenchyma, Collenchyma and Sclerenchyma simple permanent tissue with diagram. 5

OR

Describe all types of animal Epithelium tissue with example.

Q.32 Use graphical method to derive. 5

(i) $v = u + at$ (ii) $s = ut + \frac{1}{2}at^2$

OR

Plot the graph and write nature :

- (i) Velocity – time graph (a) uniform Acceleration (b) Non uniform Acceleration
(ii) Distance – time graph (a) Stationary object (b) uniform motion

Q.33 (i) Why Mitochondria is known as the power houses of cell? 5

(ii) What is aerobic respiration explain with diagram?

OR

Draw diagram of plants cell and animal cell.

Q.34 (i) What is composite fish culture, what are their benefits, explain with example. 5

(ii) What are their disadvantages?

OR

- (i) What are Plastids, their types and structure?
(ii) What is the structure and function of nucleus?

Q.35 How does the water kept in a earthen pot? 5

(i) becomes cool during summer. (ii) Suggest a method to liquify gas.

OR

Give reason. Why?

- (i) A gas completely fills a vessel in which its kept.
(ii) A wooden table should be called a solid.
(iii) A gas exerts pressure on the walls of the container.

Q.36 (i) What is the difference between distillation & fractional distillation? 5

(ii) Write four difference between solution, colloidal & suspension.

OR

- (i) How can we separate NH_4Cl , sand and NaCl ?
(ii) To make a saturated solution 36 g. of NaCl is dissolved in 100 g. of water at 293k. Find its concentration at the temperature?

Half Yearly Examination 2019 – 2020

Time: 3:00 Hrs.

M. M. 80

SECTION-A

Q.1 MCQ'S:- There are total 20 questions. Each question carry 1 mark.

1×20=20

- (i) Who was the leader of Jacobin Club?
(a) Louis XVI (b) Montesquieu (c) Robespierre (d) Napoleon Bonaparte
- (ii) Who wrote the book "Two Treatises of government"?
(a) John Locke (b) Rousseau (c) Montesquieu (d) Napoleon Bonaparte
- (iii) Slavery was abolished in France
(a) 1848 (b) 1858 (c) 1969 (d) 1748
- (iv) When did Germany attack the Soviet Union?
(a) June 1942 (b) June 1941 (c) June 1951 (d) May 1941
- (v) Name the author of the book "Third Reich of Dreams".
(a) Charlotte Beradt (b) Hittar (c) Hindenburg (d) None of these
- (vi) Fix capital not includes
(a) Building (b) Machines (c) Tools (d) Raw materials
- (vii) _____ not an example of Tertiary sector.
(a) Manufacturing (b) Trade (c) Tourism (d) Banking
- (viii) What is the full form of GDP?
(a) Gross development project (b) Gross womestic product
(c) Good development product (d) None of these
- (ix) What is the time leg b/w Gujrat and Arunachal Pradesh?
(a) 3 hours (b) 2 hours (c) 1 hour (d) 4 hours
- (x) What is the latitude of the southern most point on the Indian mainland?
(a) 97°25'E (b) 8°4'N (c) 68°7'E (d) None of these
- (xi) What is the total area of India's Land mass?
(a) 3.48 million² km (b) 3.28 million² km (c) 2.38 million² km (d) 4.48 million² km
- (xii) Name the oldest part of Indian landmass.
(a) Peninsular Plateau (b) Plains (c) Daccan plateu (d) All of the above
- (xiii) Sutlej is a tributary of which river?
(a) Ganga (b) Bhramhaputra (c) Indus (d) Krishna
- (xiv) When did mexico got independence?
(a) 1920 (b) 1930 (c) 1940 (d) 1950
- (xv) Robert Mugabe was the president of which country?
(a) Pakistan (b) India (c) Zimbabwe (d) Saudi Arabia
- (xvi) On which day did South Africa gain independence?
(a) 26th April 1994 (b) 26th April 1995 (c) 29th April 1995 (d) 29th April 1994
- (xvii) When was the first meeting of constitution Assembly held?
(a) December 1946 (b) December 1945 (c) November 1946 (d) November 1945
- (xviii) When was green revolution introduced?
(a) 1950s (b) 1960s (c) 1970s (d) 1980s

(xix) Which State of India has the highest literacy rate?

- (a) Rajasthan (b) Bihar (c) Uttar Pradesh (d) Kerala

(xx) When was Adolf Hitler born?

- (a) 20th April 1889 (b) 20th April 1890 (c) 20th April 1891 (d) 20th April 1892

SECTION-B

Question No. 2 to 9 each question carry 3 mark.

8×3=24

Q.2 State any three effects of the first world war over Europe.

OR

Describe any three important points of Hitler's foreign policy.

Q.3 Explain why Nazi propaganda was effective in creating hatred for Jews?

Q.4 Why 82°30'E has been selected as the standard meridian of India?

Q.5 Describe the location and size of India in two points each.

OR

Write a short note on Northern plains.

Q.6 Describe how the Himalayas were formed.

OR

What is meant by Drainage pattern? Explain any three kinds of it.

Q.7 Describe any three main features of the Ganga river system.

Q.8 What is democracy? Which are its two main features?

OR

Which three rights should every citizen of a democratic country get?

Q.9 What is the significance of the 'Preamble' to the Indian constitution?

SECTION-C

Answer in detail. Question No. 10 to 15 each question carry 5 marks.

Q.10 What is a constitution? Why do we need a constitution? Give any four reasons.

Q.11 Why is democracy better than any other form of government? Write five arguments to support your answer.

OR

"Democracy is considered the best form of government and is clearly better than any other alternative." Mention relevant points to show what it offers.

Q.12 Describe the causes of the outbreak of revolutionary protest in France. (Any three causes)

OR

Describe the divisions in French society before the French Revolution.

Q.13 State any five reasons to show that Palampur is a developed village.

OR

"Green revolution is associated with loss of soil fertility." In the light of the statement, mention five problems caused by modern farming.

Q.14 Name any four non-farming production activities practiced in Palampur. Give brief descriptions of each.

OR

What are economic activities? Write all three sectors that include in economic activities.

Q.15 What is the significance of health in an economy? State any three provisions of the National Health Policy in India.

SECTION-D

Map based questions:-

6

Q.16 (a) On the map of France.

(i) Locate a place from where volunteers sang national anthem of France

(ii) Locate capital of France

(iii) Port of France elected to slave trade.

(b) On the map of India locate and label:-

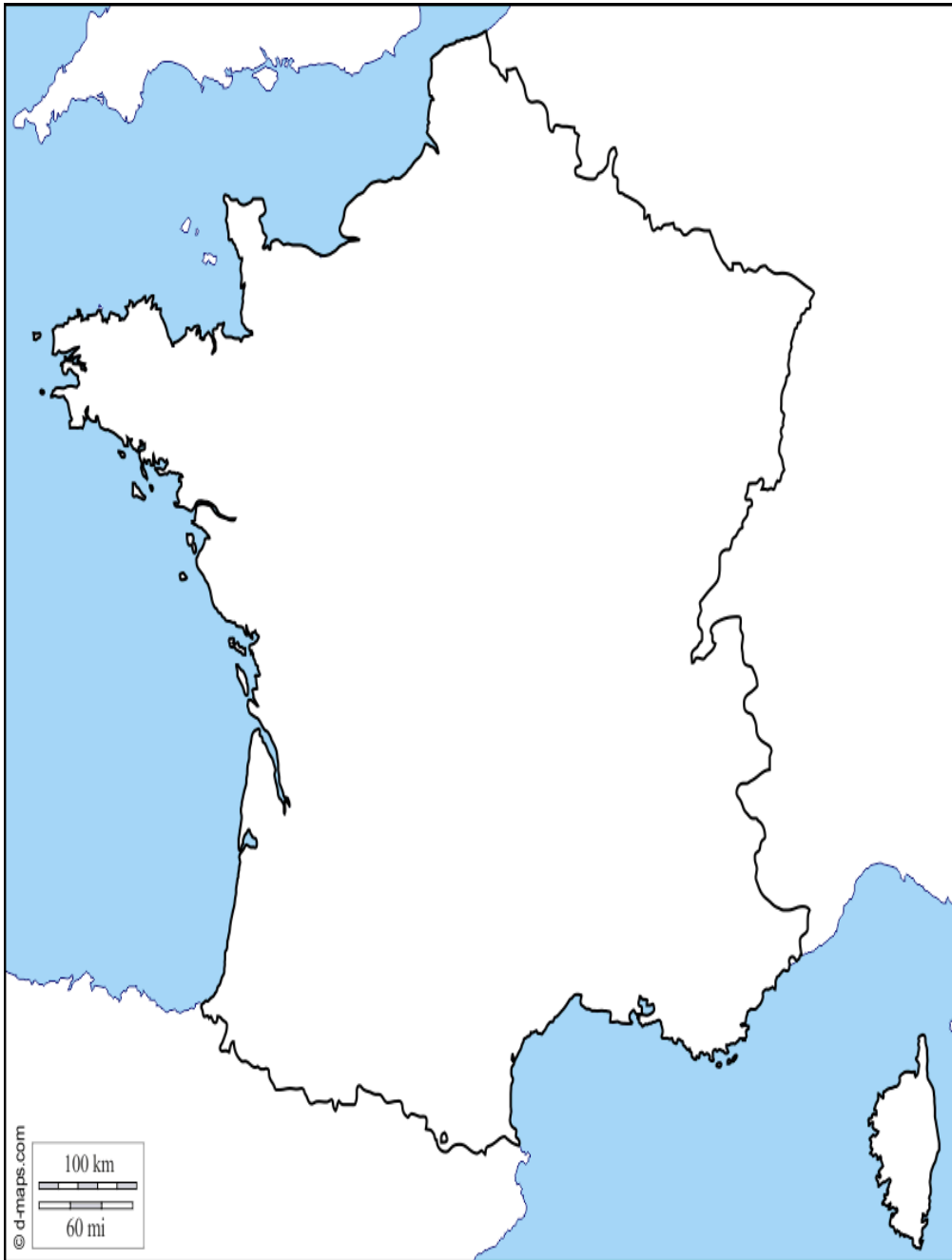
(i) The strait separating India from Sri Lanka

(ii) Tropic of Cancer

(iii) A mountain range lying mostly in Rajasthan.

Roll No. _____ Class _____ Section _____

Q. No.16 (a)



Roll No. _____ Class _____ Section _____

Q. No 16(b)

