ITBP PUBLIC SCHOOL, DWARKA
SESSION-2021-2022
CLASS VII
ASSIGNMENTS
Class VII
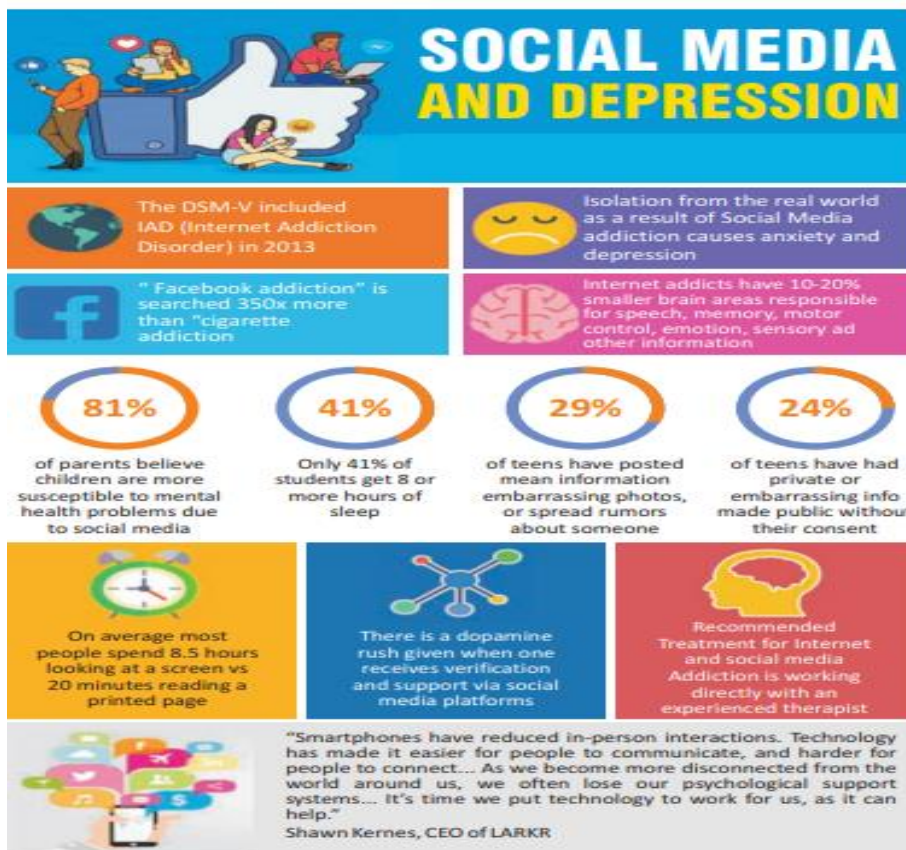**English Assignments (2021-22)**

Q.1. Read the passage given below.

Is using social media making our kids unhappy? Evidence is mounting that there is a link between social media and <u>depression</u>. In several recent studies, <u>teenage</u> and <u>young adult</u> users who spend the most time on Instagram, Facebook and other platforms were shown to have a substantially (from 13 to 66 percent) higher rate of reported depression than those who spent the least time.

Does that mean that Instagram and Facebook are actually *causing* depression? These studies show a correlation, not causation. But it's worth a serious look at how social media <u>could be affecting teenagers and young adults</u> negatively. One reason the correlation seems more than coincidental is that an increase in depression occurred in tandem with the <u>rise in smartphone use</u>.

<u>A 2017 study</u> of over half a million eighth through 12th graders found that the number exhibiting high levels of depressive symptoms increased by 33 percent between 2010 and 2015. In the same period, the <u>suicide</u> rate for girls in that age group increased by 65 percent.

Smartphones were introduced in 2007, and by 2015 fully 92 percent of <u>teens and young adults owned a smartphone</u>. Over that same time period there was a sharp spike in reports of students seeking help at college and university counselling centres, principally for depression and anxiety. <u>Visits jumped 30 percent between 2010 and 2015</u>

SOCIAL MEDIA AND DEPRESSION

The DSM-V included IAD (Internet Addiction Disorder) in 2013

Isolation from the real world as a result of Social Media addiction causes anxiety and depression

"Facebook addiction" is searched 350x more than "cigarette addiction

Internet addicts have 10-20% smaller brain areas responsible for speech, memory, motor control, emotion, sensory ad other information

81% of parents believe children are more susceptible to mental health problems due to social media

41% Only 41% of students get 8 or more hours of sleep

29% of teens have posted mean information embarrassing photos, or spread rumors about someone

24% of teens have had private or embarrassing info made public without their consent

On average most people spend 8.5 hours looking at a screen vs 20 minutes reading a printed page

There is a dopamine rush given when one receives verification and support via social media platforms

Recommended Treatment for Internet and social media Addiction is working directly with an experienced therapist

"Smartphones have reduced in-person interactions. Technology has made it easier for people to communicate, and harder for people to connect... As we become more disconnected from the world around us, we often lose our psychological support systems.... It's time we put technology to work for us, as it can help."
Shawn Kernes, CEO of LARKR

One of the biggest differences in the lives of current teenagers and young adults, compared to earlier generations, is that they spend much less time connecting with their peers in person and more time connecting electronically, principally through social media.

Some experts see the rise in depression as evidence that the connections social media users form electronically are less emotionally satisfying, leaving them feeling socially isolated.

"The less you are connected with human beings in a deep, empathic way, the less you're really getting the benefits of a social interaction," points out Alexandra Hamlet, a clinical psychologist at the Child Mind Institute. "The more superficial it is, the less likely it's going to cause you to feel connected, which is something we all need."

Based on the analysis of the given passage and visual, answer the following questions:

1. 81% of parents believe that children are more susceptible to mental health problems due to social media. Why do you think they believe so?

a. Social media spreads rumours, makes embarrassing comments, damages reputation, emits negative values and makes personal information public.

b. Social media is interesting, free, liberal, full of entertainment and children spent more hours with social media.

c. Their children spent less time with them and more time on internet.

d. visits to counselling centres have increased by 30%.

2. Rahul's medical report says that his brain size has reduced by 15.5%. This is an indicative of the fact that _____

a he suffers from anxiety and depression .   b. he lives in isolation.

c. he is an addict to the internet.   d. his memory has reduced by 15.5%.

3. Has social media addiction reduced the importance of print media?

a. Yes, people spend more time in front of the screen than in front of the print media.

b. No, newspaper and other print media have shown increase in circulation and readership.

c. The ratio of people using social and print media is the same.

d. People prefer reading soft copies of the newspaper.

4. A girl had posted a picture of her birthday party in her Facebook account. It can be assumed that she (choose the wrong option):

a. feels very happy to share such photos with her friend.

b. has some mental health problems and keeps posting such pictures.

c. wants to share it with her friends who couldn't attend the birthday party.

d. keeps posting such pictures as it satisfies her emotionally.

5. Excessive usage of social media can leave a person socially isolated. This may happen because _____

a. some teenagers aren't successful in connecting with peers offline.

b. they are isolated geographically and don't feel accepted in their peer groups.

c. the connections social media users form electronically are less emotionally satisfying.

d. they spend more time connecting electronically.

Grammar: Pronouns

Q.1. Pick the correct pronoun for each sentence. Choose "a" or "b" from the listed options.

1. Gary's mom asked _____ to clean the garage.
a. he   b. him

2. Neither Mary nor _____ knew why the store was closed.
a. I   b. me

3. After school, you and _____ must discuss a few things.
a. I   b. me

4. My nephew was crying and needed _____ diaper changed.
a. their   b. his

5. Did she see _____?
a. us   b. we

6. I took the bag from _____.
a. him   b. they

7. My brother and _____ went to the park.
a. I   b. us

8. What did _____ do about the car?
a. them   b. they

9. What did _____ say about the work?
a. me   b. she

10. Where will _____ go from here?
a. you   b. us

Q.2 .Pick the pronoun from the options to fill the blank in the sentence:

1. Ria forgot _____ bag in the playground.
   (a). She   (b). Her   (c). His
2. ____ belongs to the most intelligent group of boys in the school.
   (a). He   (b). She   (c). It
3. Simran is taking dance classes at ___ home.
   (a). Her   (b). His   (c). She
4. Ritika is helping ___ brothers in cleaning the room.
   (a). His   (b). Her   (c). Their
5. Kids are eating ____ lunch.
   (a). Their   (b). There   (c). his
6. Yesterday ___ ate popcorn while watching a movie.
   (a). I   (b). Myself   (c). Me
7. The cat has finished the food in ____ bowl.
   (a). Its   (b). His   (c). Her
8. Gouri opened ___ umbrella to avoid getting wet in the rain.
   (a). She   (b). Her   (c). Herself
9. I have a Buddha statue at home. ___ is brown in color.
   (a). Its   (b). Itself   (c). It
10. ____ are wearing their jackets as the weather is getting cold.
   (a). Their   (b). They   (c). Them

Literature
Chapter -3 Gopal and The Hilsa fish(Honeycomb)

Q.1. Multiple Choice Questions-

a) It was the season of-
(i) mangoes   (ii) hilsa fish   (iii) Tuna fish
b) Everyone was talking about hilsa fish so, the king got
(i) excited   (ii) happy   (iii) irritated
c) The king challenged Gopal to buy –
(i) a hilsa fish   (ii) a mango   (iii) a beautiful dress
d) Gopal wore -
(i) beautiful clothes   (ii) disgraceful rags   (iii) dhoti and kurta
e) Gopal started _____ to enter the palace.
(i) crying   (ii) shouting   (iii) dancing and singing

Ch-4 The ashes that made trees bloom (Honeycomb)

a) The old couple has a –
(i) pet cat   (ii) pet dog   (iii) cow
b) The old man was a _____ farmer.
(i) rice   (ii) jute   (iii) wheat
c) Which country is the story set in -
(i) France   (ii) Russia   (iii) Japan
d) The meaning of 'daimios'
(i) poor people   (ii) wealthy land owners   (iii) labours
e) The old man found –
(i) a heap of gold   (ii) diamonds   (iii) pearls

Poem No.3 The Shed

Q.1. Multiple Choice Questions:

a) The shed is located at
(i) outside the house   **(ii)** near the river   **(iii)** at the bottom of the garden
b) The shed has _____ as suggested by his brother.
(i) mice   **(ii)** ghosts   (iii) cats
c) The poet was thinking that he will -
(i) never go to shed   **(ii)** open the door of the shed   **(iii) break the door of the shed**
d) The meaning of 'creak' is-
(i) paint   (ii) crack   (iii) screech
e) _____ were hanging across the doors of the shed.
(i) old clocks   (ii) torn clothes   (iii) spider webs

Chapter – 3 The Desert (An alien hand)

a) There are _____ types of deserts.

      (i) two   (ii) three   (iii) four

b) The popular belief is that the desert is an endless stretch of-

    (i) vegetation   (ii) sand   (iii) water

c) An oasis is like a _____ island in the middle of a desert.

    (i) blue   (ii) green   (iii) white

d) All living things need _____ in order to survive.

    (i) sand   (ii) water   (iii) grass

e) Camel can stand _____ body temperature.

    (i) low   (ii) high   (iii) moderate

कार्य पत्रिका

कक्षा – सात   विषय - हिन्दी

पाठ 4 – कठपुतली

प्र 1 निम्नलिखित काव्यांश को ध्यानपूर्वक पढ़े और दिए गए प्रश्नों के उत्तर दें:-

कठपुतली
गुस्से से उबली
बोली - ये धागे
क्यों हैं मेरे पीछे-आगे?
इन्हें तोड़ दो;
मुझे मेरे पाँवों पर छोड़ दो।

I.   'कठपुतली' कविता के रचयिता कौन हैं?
II.   कठपुतली किन से बँधी होती है ?
III.   कठपुतली को गुस्सा क्यों आया ?
IV.   कठपुतली की इच्छा क्या है ?
V.   वह अपनी इच्छा पूरी क्यों नही कर पाती ?

बहुविकल्पीय प्रश्न

प्र 2 'कठपुतली' शब्द का क्या अर्थ है?
(क) काठ की पुतली
(ख) कठ हुई पुतली
(ग) गांठ की पुतली
(घ) काठ की गुड़िया

प्र 3 कठपुतली का जीवन कैसा था?
(क) धागों से बंधा
(ख) परतंत्रता का
(ग) दूसरे के हाथों में
(घ) दिए गए सभी

प्र 4 कठपुतली गुस्से से क्यों उबल पड़ी?
(क) वह स्वतंत्र होना चाहती थी।
(ख) भाग जाना चाहती थी।
(ग) परतंत्रता से परेशान थी।
(घ) इनमें से कोई नहीं।

प्र 5 कठपुतली धागे तोड़ने का आग्रह क्यों करती है?
(क) आत्मनिर्भर होना चाहती हैं।
(ख) अपने पैरों पर चलना चाहती हैं।
(ग) पड़ोसियों से बातें करना चाहती हैं।
(घ) ऊँची उड़ान भरना चाहती हैं।

प्र 6 कठपुतली को किस बात का दुख था?
(क) हरदम नाचने का
(ख) दूसरों के इशारे पर नाचने का
(ग) धागे में बंधने का
(घ) धागे खिंचने का

अतिलघु प्रश्न

प्र 7 कठपुतली किससे बँधी हुई है?

प्र 8 कठपुतली सजीव होती है या निर्जीव?

प्र 9 'मुझे मेरे पाँव पर छोड़ दो'- से क्या तात्पर्य है?

प्र 10 आपके विचार से किस कठपुतली ने विद्रोह किया?

प्र 11 कठपुतली क्या चाहती है ?

अतिलघु प्रश्न

प्र 12 वह स्वतंत्रता के विषय में क्या सोचने लगी ?

प्र 13 अंत में उसने क्या निर्णय लिया ?

प्र 14 कठपुतली धागों से क्यों बँधी होती है ?

प्र 15 कठपुतली के गुस्से का क्या कारण था ?

प्र 16 कठपुतली अपने पैरों पर खड़ी क्यों नहीं हो पा रही थी ?

प्र 17 अन्य कठपुतलियों ने पहली कठपुतली की बात सुनकर क्या कहा ?

प्र 18 पहली कठपुतली को किसकी ज़िम्मेदारी महसूस होने लगी ?

प्र 19 पहली कठपुतली को स्वतंत्रता के बाद क्या कार्य कठिन लगने लगा ?

प्र 20 अंत में उसने क्या निर्णय लिया ?

प्र 21 सन् 1857 और 1942 के दो-दो स्वतंत्रता सेनानियों के नाम लिखिए।

प्र 22 कठपुतली का जीवन कैसा होता है?

प्र 23 कठपुतली को गुस्सा क्यों आया? कठपुतली पाठ के आधार पार बताए।

दीर्घ प्रश्न

प्र 24 **कठपुतली** कविता से आपको क्या प्रेरणा मिलती है?

प्र 25 दूसरी कठपुतलियों की बात सुनकर पहली कठपुतली क्या सोचने लगी ?

प्र 26 पहली कठपुतली की बात दूसरी कठपुतलियों को क्यों अच्छी क्यों लगी ?

प्र 27 `बहुत दिन हुए हमें अपने मन के छंद छुए ' इस पंक्ति का अर्थ क्या है ?

प्र28 दूसरी कठपुतलियों की ज़िम्मेदारी महसूस होने पर पहली कठपुतली की क्या दशा हुई ?

कार्य पत्रिका

कक्षा – सात विषय - हिन्दी

पाठ-5 मिठाईवाला

प्र 1   निम्नलिखित गद्यांशों को पढ़कर उन पर आधारित प्रश्नों के उत्तर दें:-
सर्दी के दिन थे। रोहिणी स्नान करके मकान की छत पर चढ़कर आजानुलंबित केश-राशि सुखा रही थी। इस समय नीचे की गली में सुनाई पड़ा— "बच्चों को बहलाने वाला, मिठाई वाला।" मिठाई वाले का स्वर उसके लिए परिचित था, झट से रोहिणी नीचे उतर आई। उस समय उसके पति मकान में नहीं थे। हाँ, उनकी वृद्धा दादी थीं। रोहिणी उनके निकट आकर बोली- "दादी, चुब्रू-मुन्न के लिए मिठाई लेनी है। जरा कमरे में चलकर ठहराओ। मैं उधर कैसे जाऊँ, कोई आता न हो। जरा हटकर मैं भी चिक की ओट में बैठी रहूँगी।"

i. रोहिणी ने मिठाई वाले की आवाज कब सुनी?
ii. मिठाई वाले का स्वर रोहिणी के लिए परिचित क्यों था?
iii. मिठाई वाले को रोकने के लिए रोहिणी ने किसे कहा और क्यों ?
iv. रोहिणी के बाल कैसे थे?
v. रोहिणी चिक की ओट में बैठना चाहती थी, क्यों?

अतिलघु प्रश्न

प्र 2 मिठाईवाला क्या-क्या वस्तुएँ बेचता था?

प्र 3 चुन्नू-मुन्नू ने कौन-से खिलौने खरीदे और कितने दाम में?

प्र 4 गलियों में कौन-सा स्वर गूँज रहा था?

प्र 5 मुरलीवाले के पास कुल कितनी मुरली थी?

प्र 6 मिठाईवाला एक पैसे की कितनी खट्टी-मीठी गोलियाँ दे रहा था?

प्र 7 रोहिणी ने बच्चों के लिए कितने पैसों की मिठाई खरीदी?

प्र 8 किसकी बात सुनकर मिठाईवाला भावुक हो गया?

प्र 9 इस कहानी के लेखक कौन हैं?

प्र 10 वास्तव में मिठाईवाला कौन था?

लघु प्रश्न

प्र 11 रोहिणी ने मुरली वाले की आवाज सुनते ही उसे तुरंत ही क्यों बुलवाया?

प्र 12 **मिठाईवाला** पाठ के अनुसार **पेट जो न कराए, सो थोड़ा** - शब्दों का अर्थ स्पष्ट कीजिए।

प्र 13 बच्चे खिलौने देखकर कैसे हो जाते थे? **मिठाईवाला** पाठ के आधार पर बताइए।

प्र 14 नगर में मुरली वाले के आने की चर्चा क्यों होने लगी?

प्र 15 'मैं इस बार पैसे न लूँगा'- मिठाईवाले ने ऐसा क्यों कहा?

प्र 16 मुरलीवाले का स्वर सुनकर बच्चों की क्या प्रतिक्रिया हुई?

प्र 17 विजय बाबू के क्या कहने पर मुरलीवाला उदास हो गया?

प्र 18 मिठाईवाले को बच्चे व बड़े सभी क्यों पसंद करते थे?

दीर्घ प्रश्न

प्र 19 मिठाईवाले की व्यथा को अपने शब्दों में लिखिए

प्र 20 मुरलीवाले की बातें सुनकर रोहिणी ने क्या अनुभव किया?

प्र 21 मिठाईवाले को अपने व्यवसाय में पैसे के अलावा और क्या मिलता था?

प्र 22 मिठाईवाला कौन था? वह तरह-तरह की चीज़ें क्यों बेचता था?

प्र 23 मिठाईवाले के परिवार के साथ क्या हुआ होगा? सोचकर उत्तर दीजिए।

ASSIGNMENT BOOKLET
(VIIth MATHEMATICS)

Name of the student_____

Class & -VII__   **Ch 3 DATA HANDLING**

1 Marks Questions

MULTIPLE CHOICE QUESTIONS

Q.1) Which is the least liked subject**?**

Subject	Number of students
Art	7
Maths	8
Science	6
English	5

A. Art
B. Science
C. Maths
D. English

Q.2) The table shows the heights of the students in Mr. Jivesh's class. Find the median of the data.

Height (In inches)	Number of students
57	3
58	5
59	4
60	2
61	7
62	6
63	3
64	5

A. 62
B. 58
C. 59
D. 61

Q.3) The table shows the heights of the students in Mr. Ashish's class. Find the range of the data.

Height (In inches)	Number of students
57	3
58	5
59	4
60	2
61	7
62	6
63	3
64	5

A. 64
B. 5
C. 3
D. 7

Q.4) The table shows the average rainfall in a village during 5 months. What is the mean rainfall in the village during the 5 months?

Month	Rainfall (mm)
January	38
February	46
March	41
April	45
May	43

    A. 40.6 mm
    B. 44.6 mm
    C. None of these
    D. 80.1

Q.5) The table shows the average temperature in a state during 5 months. Find the range of the data.

Month	Temperature
January	39
February	47
March	40
April	46
May	43

    A. 70° C
    B. 90° C
    C. 80° C
    D. 100°C

Q.6) Find the median of the data set, which shows the weights (in pounds) of 10 students in Mr. Brij's class.   : 61, 56, 60, 57, 62, 63, 63, 63, 58 and 73

a) 63

b) 64

c) 61.5

d) None of these

Q.7) The table shows the heights of the students in Mr. Tinku's class. Find the mode of their heights.

Height (In inches)	No. of students
55	5
56	3
57	4
58	4
59	9
60	4
61	2
62	2

a) 6

b) 59

c) 58

d) None of these

8. The following probabilities are given; choose the correct answer for that which is not possible.

(a) 0.15

(b) $\frac{2}{7}$

(c) $\frac{7}{5}$

(d) none of these.

9. If three coins are tossed simultaneously, than the probability of getting at least two heads, is

(a) $\frac{1}{4}$

(b) $\frac{3}{8}$

(c) $\frac{1}{2}$

(d) $\frac{1}{8}$

10. A letter is chosen at random from the letters of the word ASSASSINATION. The probability that the letter chosen is a vowel:

(a) $\frac{6}{13}$

(b) $\frac{7}{13}$

(c) 1

(d) none of these.

VERY SHORT QUESTIONS

11) When a die is thrown, list the outcomes of an event of getting a prime number?

12) When a die is thrown, list the outcomes of an event of getting a number greater than 5?

13) When a die is thrown, list the outcomes of an event of getting a composite number?

14) A bag contains 3 red and 2 blue marbles. A marble is drawn at random. What is the probability of drawing a blue marble?

15) A bag contains 3 red and 2 blue marbles. A marble is drawn at random. What is the probability of drawing a red marble?

Fill in the blanks:

16) Different forms of central tendency are _____and_____

17) The difference between the highest and lowest values of observations in a set of data is called the_____

18) On dividing the sum of observation by total number of observations, we obtain the_____

19) The representation of numbers using bars of uniform width, the length of the bars depicting the frequency is called the_____

20) The possible results of an experiment are called_____

21) When the raw data is arranged in ascending or descending order, it forms an_____

22) The measure of chance of happening something is called_____

23)The probability of getting 1 in tossing of coin is _____

24) The probability of getting a tail in a throw of a dice is_____.

25) The outcomes which have equal chances of occurrence are called_____.

26) The number that divides the given data into two equal parts after arranging it in ascending or descending order is called the_____

27) The observation that occurs most often is called_____

28) Probability of getting 7 when a number from 1 to 6 is selected is_____.

29) Probability of an event always lie between _____and_____.

30)If the arithmetic means of 8, 4, x, 6, 2, 7 is 5, then the value of x is _____

True/False.

31) Mean of a data set is the value which divides the value into two equal parts.

32) A data set may have more than one mode.

33) The value of median changes if the value in a data set are arranged in ascending order instead of descending order

34) The data set 4, 8, 11, 7, 5, 0 has the mode 0.

35). Rolling the number 7 on a standard die is an impossible event.

36) The median can be value which is not equal to any of the observation.

37) Mean of the data is always from the given data.

38) It is impossible to get a sum of 14 of the numbers on both dice when a pair of dice is thrown together

39). Mode of the data is always from the given data.

40)Mean of the observations can be lesser than each of the observations.

2 Marks Questions

41) The mean of 5 numbers is 25. If the four numbers 16, 26, 31, 32. Find the fifth numbers.

42) A batsman scored the following number of runs in six innings:
36, 35, 50, 46, 60, 55
Calculate the mean runs scored by him in an inning

43) Find the range of heights of any ten students of your class.

44) Organize the following marks in a class assessment, in a tabular form.
4, 6, 7, 5, 3, 5, 4, 5, 2, 6, 2, 5, 1, 9, 6, 5, 8, 4, 6, 7
(i) Which number is the highest?
(ii) Which number is the lowest?
(iii) What is the range of the data?
(iv) Find the arithmetic mean.

45) A cricketer scores the following runs in eight innings:
58, 76, 40, 35, 46, 45, 0, 100
Find the mean score. Find the mean of the first five whole numbers.

3 Marks Questions

46) Following table shows the points of each player scored in four games:

Player	Game 1	Game 2	Game 3	Game 4
A	14	16	10	10
B	0	8	6	4
C	8	11	Did not play	13

Now answer the following questions:
(i) Find the mean to determine A's average number of points scored per game.
(ii) To find the mean number of points per game for C, would you divide the total points by 3 or by 4? Why?

47) The marks (out of 100) obtained by a group of students in a science test are 85, 76, 90, 85, 39, 48, 56, 95, 81 and 75. Find the:
(i) Highest and the lowest marks obtained by the students.
(ii) Range of the marks obtained.
(iii) Mean marks obtained by the group.

48) The enrolment in a school during six consecutive years was as follow: 1555, 1670, 1750, 2013, 2540, 2820
Find the mean enrolment of the school for this period.

49) The rainfall (in mm) in a city on 7 days of a certain week was recorded as follows:

Days Rain	fall (in mm)
Monday	0.0
Tuesday	12.2

Wednesday	2.1
Thursday	0.0
Friday	20.5
Saturday	5.5
Sunday	1.0

i)Find the range of the rainfall in the above data.

(ii)Find the mean rainfall for the week.

(iii) On how many days was the rainfall less than the mean rainfall.

50) The heights of 10 girls were measured in cm and the results are as follows:
135, 150, 139, 128, 151, 132, 146, 149, 143, 141
(i) What is the height of the tallest girl?
(ii) What is the height of the shortest girl?
(iii) What is the range of the data?
(iv) What is the mean height of the girls?
(v) How many girls have heights more than the mean height.

51) Use the bar graph (see the given figure) to answer the following questions.
(a) Which is the most popular pet?
(b) How many children have dog as a pet?

Pets owned by students of class seven
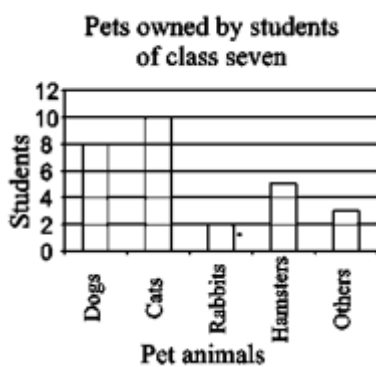
52) Number of children in six different classes are given below. Represent the data on a bar graph.

Class	Fifth	Sixth	Seventh	Eighth	Ninth	Tenth
Number of children	135	120	95	100	90	80

a)How would you choose a scale?

(b) Answer the following questions:

(i) Which class has the maximum number of children? And the minimum?

(ii) Find the ratio of students of class sixth to the students of class eight.

53) The performance of students in 1st Term and 2nd Term is given. Draw a double bar graph choosing appropriate scale and answer the following:

Subject	English	Hindi	Maths	Science	S. science
1st Term (M.M. 100)	67	72	88	81	73
2nd Term (M.M. 100)	70	65	95	85	75

(i) In which subject, has the child improved his performance the most?

(ii) In which subject is the improvement the least?

(iii) Has the performance gone down in any subject?

54) Take the data giving the minimum and the maximum temperature of various cities given in the following table:

Temperatures of the cities as on 20.6.2006

City	Max.	Min.
Ahmedabad	38 ℃	29 ℃
Amritsar	37 ℃	26 ℃
Bangalore	28 ℃	21 ℃
Chennai	36 ℃	27 ℃
Delhi	38 ℃	28 ℃
Jaipur	39 ℃	29 ℃
Jammu	41 ℃	26 ℃
Mumbai	32 ℃	27 ℃

Plot a **double bar graph** using the data and answer the following:
(i) Which city has the largest difference in the minimum and maximum temperature on the given date?
(ii) Which is the hottest city and which is the coldest city?
(iii) Name two cities where maximum temperature of one was less than the minimum temperature of the other.
(iv) Name the city which has the least difference between its minimum and the maximum temperature

4 Marks Questions

55) Find the mode and median of the data: 13, 16, 12, 14, 19, 12, 14, 13, 14

56) The weights (in kg.) of 15 students of a class are:
38, 42, 35, 37, 45, 50, 32, 43, 43, 40, 36, 38, 43, 38, 47
(i) Find the mode and median of this data.
(ii) Is there more than one mode?

57) The run scored in a cricket match by 11 players is as follows:
6, 15, 120, 50, 100, 80, 10, 15, 8, 10, 15
Find the mean, mode and median of this data. Are the three same?

58) The scores in mathematics test (out of 25) of 15 students is as follows:
19, 25, 23, 20, 9, 20, 15, 10, 5, 16, 25, 20, 24, 12, 20

Find the mode and median of this data?

59) Tell whether the following is certain to happen, impossible, can happen but not certain.

(i) You are older today than yesterday.
(ii) A tossed coin will land heads up.
(iii) A die when tossed shall land up with 8 on top.
(iv) The next traffic light seen will be green.
(v) Tomorrow will be a cloudy day.

60) There are 6 marbles in a box with numbers from 1 to 6 marked on each of them.
(i) What is the probability of drawing a marble with number 2?
(ii) What is the probability of drawing a marble with number 5?

61) A coin is flipped to decide which team starts the game. What is the probability that your team will start?

62) A box contains pairs of socks of two colors (black and white). I have picked out a white sock. I pick out one more with my eyes closed. What is the probability that it will make a pair?

63) Find the mean
a) 3,4,5,6,7,8,9,10
b) 1.5,1.2,2.3,2.4,3.5
c) the mean of your sleeping hours during one week.

64) Find the mode of the given set of numbers
a) 1, 1, 1, 2, 2, 2, 2, 3, 4, 4,5,4,5,6,6,7
b) 35,26,35,66,35,56,26,26,34,24
c) 2, 2, 2, 3, 3, 4, 5, 5, 5, 6, 6, 8

65) Find the median of the data
a) 15,10,12,18,14,16,7
b) 1,7,4,2,3,4
c) 16, 24, 20, 39, 19, 23, 26, 23, 18, 20

66) The number of trees in different parks of a city are 33, 38, 48, 33, 34, 34, 33 and 24. The mode of this data is
(a) 24
(b) 34
(c) 33
(d) 48

67Which measures of central tendency get affected, if the extreme observations on both the ends of a data arranged in descending order are removed?

68) Organise the following marks in a class assessment, in a tabular form.

4, 6, 7, 5, 3, 5, 4, 5, 2, 6, 2, 5, 1, 9, 6, 5, 8, 4, 6, 7

(i) Which number is the highest?

(ii) Which number is the lowest?

(iii) What is the range of the data?

(iv) Find the arithmetic mean.

69) Find the median of the following data

    25, 15, 6, 17, 19, 13, 10, 6, 7

70) A fair die is rolled , find the probability of getting a prime number

71) Find the mean of the first 6 multiples of 8.

72) A bag contains 7 white and 9 red balls .one ball is drawn at   random from the bag .find the probability of getting

a) a white ball

b) a red ball

73) Find the mean and median of first 6 odd numbers?

74) Find the average of the numbers 7,13,14,62?

75) Will the range of the data 3, 7, 1, - 2, 2, 6, -3 , -5 would change if 8 was added to each value in the data. Show both cases?

Case study-based questions are compulsory. Attempt any 4 sub parts from each question. Each question carries 1 mark

76) Mean : there are several kinds of mean in mathematics, especially in statistics:
For a data set, the arithmetic mean, also known as average or arithmetic average, is a central value of a finite set of numbers: specifically, the sum of the values divided by the number of values. Answer the following questions
1. Find the mean of x + 77, x + 7, x + 5, x + 3 and x – 2?

    (a) x + 8   (b) x + 18   (c) x – 8   (d) x – 18

2. If each observation of the data is increased by 5, then what happens to its mean?

    (a) is increased by 4 (b) is increased by 5 (c) is decreased by 4 (d) is decreased by 5

3. The mean of five numbers is 30. If one number is excluded, their mean becomes 28. What is the excluded number?

(a) 38   (b) 35   (c) 33   (d) 36

4. What is the median of the data 78, 56, 22, 34, 45, 54, 39, 68, 54, 84?

     (a) 54   (b) 53   (c) 55   (d) 51

5. **.** In the class intervals 10–20, 20–30, the number 20 is included in which of the following?

     (a) 10-20   (b) 20-30

     (c) both the intervals   (d) none of these intervals

77) Organise the following marks in a class assessment, in a tabular form.
4, 6, 7, 5, 3, 5, 4, 5, 2, 6, 2, 5, 1, 9, 6, 5, 8, 4, 6, 13
Based on above information answer the following questions :
(i) Which number is the highest?
     (a) 3   (b) 13   (c) 6   (d) 8
(ii) Which number is the lowest?
     (a) 0   (b) 1   (c) 2   (d) 4
(iii) What is the range of the data?
     (a) 2   (b) 12   (c) 10   (d) 8
(iv) Find the arithmetic mean.
     (a) 3   (b) 5   (c) 3   (d) 36

78) Observe this bar graph which is showing the sale of shirts in a ready-made shop from Monday to Saturday
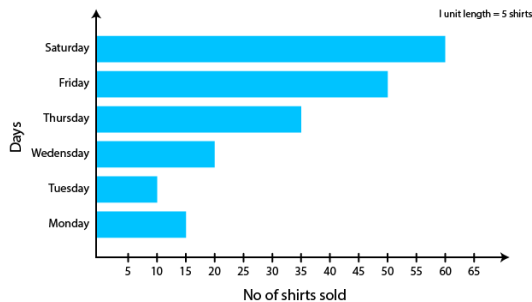
Now answer the following questions:
   (i) What information does the above bar graph give?
     a)   Number of shirts sold   c)   Number of trousers sold
     b)   Number of shirts bought   d)   None of the above

   (ii) What is the scale chosen on the horizontal line representing number of shirts?
     a)   1 unit length = 5 shirts   c)   2 unit length = 5 shirts
     b)   5 unit length = 5 shirts   d)   None of the above

(iii) On which day were the maximum number of shirts sold?
    a) Saturday   b) Monday   c) Wednesday   d) Friday

(iv) On which day were the minimum number of shirts sold?
    a) Wednesday   b) Tuesday   c) Monday   d) Saturday

(v) How many shirts were sold on Thursday?
    a) 35 shirts   b) 25 shirts   c) 15 shirts d) 12 shirts

79) Following pictograph shows the number of tractors in

five villages.

Village	Number of tractors	🚜 - 1 Tractor
Village A	🚜 🚜 🚜 🚜 🚜 🚜	
Village B	🚜 🚜 🚜 🚜 🚜	
Village C	🚜 🚜 🚜 🚜 🚜 🚜 🚜 🚜	
Village D	🚜 🚜 🚜	
Village E	🚜 🚜 🚜 🚜 🚜 🚜	

Observe the pictograph and answer the following questions.

(i) Which village has the minimum number of tractors?
    a) Village D   b) Village A   C) Village B   d) Village C

ii) Which village has the maximum number of tractors?
    a) Village D   b) Village A   C) Village B   d) Village C

(iii) How many more tractors village C has as compared to village B.
    a) 5 tractors   b) 6 tractors   C) 3 tractors   d) 8 tractors

(iv) What is the total number of tractors in all the five villages?
    a) 28 tractors   b) 16 tractors   C) 18 tractors   d) 38 tractors

(v) How many more tractors village C has as compared to village D.
    a) 5 tractors   b) 4 tractors   C) 2 tractors   d) 1 tractors

1 Marks Questions

Multiple choice questions

1. In a ————- fraction the numerator is always less than the denominator.

A. Proper fraction

B. Improper fraction

C. Mixed fraction

2. In a ————- fraction the numerator is bigger than the denominator.

A. Proper fraction

B. Improper fraction

C. Mixed fraction

3. An example of an improper fraction is ————-

A. $\frac{13}{5}$

B. Half

C. $\frac{3}{4}$

4. An example of a proper fraction is ————-

A. $\frac{1}{8}$

B. $\frac{4}{3}$

C. $\frac{6}{5}$

5. A ———— fraction has a combination of a whole and a part.

A. Proper fraction

B. Improper fraction

C. Mixed fraction

6. The equivalent fraction of $\frac{2}{3}$ is ——————-

A. 2/4

B. 6/9

C. 2/6

7. A fraction is said to be in the ———— form if its numerator and denominator have no common factor except 1.

A. Standard form

B. Simplest form

C. Exponential form

8. Fractions with same denominators are called ————

A. Unlike fractions

B. Like fractions

C. Mixed fractions

9. Which is the largest fraction?

A. 3/8

B. 4/8

C. 5/8

10. In $\frac{5}{7}$, 5 is called the ————

A. Numerator

B. Denominator

C. Quotient

True/ False

(11) $\frac{9}{16} < \frac{13}{24}$.

12) Among $\frac{2}{5}$, $\frac{16}{35}$ and $\frac{9}{14}$, the largest is $\frac{16}{35}$.

13) $\frac{11}{15} - \frac{9}{20} = \frac{17}{60}$.

14) $\frac{1}{25}$ of a litre = 440 ml.

15) $\frac{16}{34} \times \frac{6}{25} = \frac{107}{310}$.

FILL IN THE BLANKS

16) 59 + 39 = _____

17) 89 + 712 = _____

18) 56 + 78 = _____

19) 712 + 1116 + 924 = _____

20) 345 + 2310 + 1115 = _____

21) 834 + 1025 = _____

Compare the fractions:(22-24)

22) $\frac{5}{7}$ and $\frac{1}{16}$

23) $\frac{5}{9}$ and $\frac{1}{5}$

24) $\frac{1}{2}$ and $\frac{1}{6}$

 Arrange the following fractions in ascending order:(25-26)

25) $\frac{3}{4}$, $\frac{5}{6}$, $\frac{7}{9}$, $\frac{111}{234}$,

26) $\frac{4}{5}$, $\frac{7}{10}$, $\frac{11}{15}$,

Find the sum _(27-30)

27) $\frac{24}{12}$ + 16 + 24

28) $\frac{2}{8} + \frac{14}{24}$

29) $\frac{13}{6} + \frac{14}{8}$

30) $\frac{12}{8} + \frac{14}{16}$

2 Marks Questions

31) Reenu got $\frac{2}{7}$ part of an apple while Sonal got $\frac{4}{5}$ part of it. Who got the larger part and by how much?

32) A picture is $\frac{7}{5}$ cm wide. How much should it be trimmed to fit in a frame $\frac{7}{10}$ cm wide?

33) Sushi reads part of a book in 1 hour. How much part of the book will he read in 3 2/3hours?

34) V and P went for a picnic. Their mother gave them a water bag that contained 5 litres of water. V consumed $\frac{2}{5}$ of the water. P consumed the remaining water. What fraction of the total quantity of water did P drink?

Find the value (35-38)

35) $\frac{1}{2}$ of   (i) 24   (ii) 46

36) $\frac{2}{3}$ of   (i) 18   (ii) 27

37) $\frac{3}{4}$ of   (i) 16   (ii) 36

38) $\frac{4}{5}$ of   (i) 20   (ii) 35

MULTIPLY AND REDUCE TO LOWEST TERM AND CONVERT INTO MIXED FRACTION

39) $7 \times \frac{3}{5}$

40) $4 \times \frac{1}{3}$

3 Marks Questions

41) A rope of length $\frac{13}{12}$ m has been divided into 9 pieces of the same length. What is the length of each piece?

42) Rohit takes $\frac{4}{5}$ minutes to make complete round of a circular park. How much time will he take to make 15 rounds?

43) Amit weighs 35 kg. His sister Kavita's weight is $\frac{3}{5}$ of Amit's weight. How much does Kavita weigh?

44) For the celebrating children's day, students of Class VII bought sweets for Rs. 740.25 and cold drink for Rs. 70. If 35 students contributed equally what amount was contributed by each student?

45) There are 42 students in a class and $\frac{5}{7}$ of the students are boys. How many girls are there in the class?

46) Sapna earns Rs 12000 per month. She spends $\frac{7}{8}$ of her income and deposits rest of the money in a bank. How much money does she deposit in the bank each month?

48) 24 litres of milk was distributed equally among all the students of a hostel. If each student got $\frac{2}{5}$ litre of milk, how many students are there in the hostel?

49) A bucket contains $20\frac{1}{4}$ litres of water. A small jug has a capacity of $\frac{3}{4}$ litre. How many times the jug has to be filled with water from the bucket to get it emptied?

50) Mangoes are sold at Rs $18\frac{1}{2}$ per kg. What is the weight of mangoes available for Rs 157?

51) Convert 6.432 into a decimal fraction.

52) If 12 inches = 1 foot (ft) then change 549 inches into ft.

53) A fruit seller buys 712 fruits, of which , $\frac{3}{4}$ are apples. Of all the apples that he bought, $\frac{1}{3}$ were found to be rotten. If he sold all the good apples at Rs. 514 each. How much money did he receive on selling all the good apples.

54) 21.875 liters of oil is in $\frac{3}{12}$ cans of tin of equal capacity, find the capacity of oil in each can.

55) Vera is using her phone. Its battery life is down to $\frac{2}{5}$ and it drains $\frac{1}{5}$ fraction every hour.

How many hours will her battery last?

56) A car runs 9 km using 1 liter of petrol. How much distance will it cover in $3\frac{2}{3}$ litres petrol?

57) By what number should $\frac{62}{9}$ be divided to obtain $\frac{42}{3}$?

58) Milk is sold at Rs $\frac{373}{4}$ per litre. Find the cost of 625625 litres milk.?

59) A bucket contains $\frac{201}{4}$ litres of water. A small jug has a capacity of $\frac{3}{4}$ litre. How many times the jug has to be filled with water from the bucket to get it emptied?

60) 24 litres of milk was distributed equally among all the students of a hostel. If each student got $\frac{2}{5}$ litre of milk, how many students are there in the hostel?
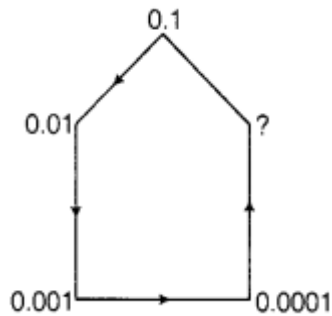
4 Marks Questions

61)

In the pattern $\frac{1}{3} + \frac{1}{4} + \frac{1}{5} + \ldots$, which fraction makes the sum greater than 1 (first time)? Explain.

62)

A student compared $-\frac{1}{4}$ and -0.3. He changed $-\frac{1}{4}$ to the decimal -0.25 and wrote, "Since, 0.3 is greater than 0.25, -0.3 is greater than -0.25." What was the student's error?

63)

64)

There are four containers that are arranged in the ascending order of their heights. If the height of the smallest container given in figure is expressed as $\frac{7}{25}x = 10.5$ cm. Then, find the height of the largest container.
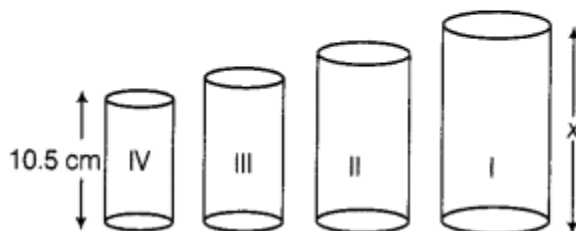
65) Raj travels 360 km on three-fifth of his petrol tank. How far would he travel at the same rate with a full tank of petrol?

66) Anuradha can do a piece of work in 6hours. What part of the work can she do in 1 hour, in 5 hours and in 6 hours?

67) In a survey, 200 students were asked what influenced them most to buy their latest CD. The results are shown in the circle graph
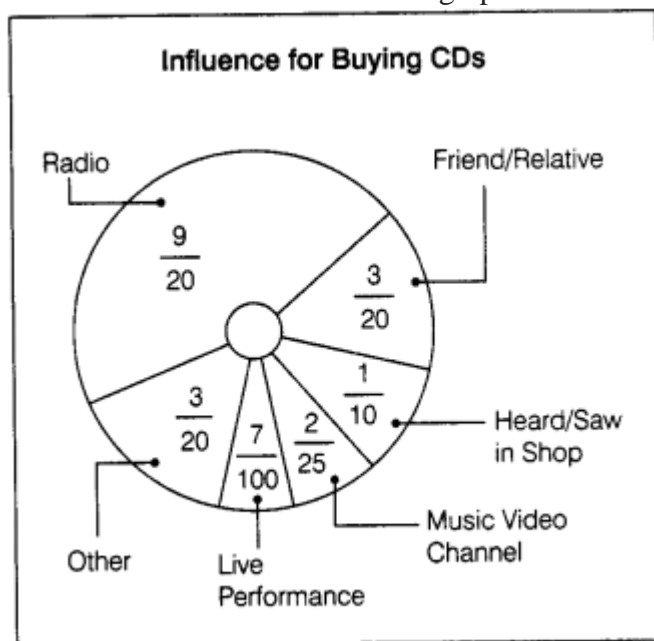
(a) How many students said radio influenced them most?
(b) How many students were influenced by radio than by a music video channel?
(c) How many said a friend or relative influenced them or they heard the CDshop?

68) The time taken by Rohan in five different races to run a distance of 500 m was 3.20 minutes, 3.37 minutes, 3.29 minutes, 3.17 minutes and 3.32 minutes. Find the average time taken by him in the races.

Case study-based questions are compulsory. Attempt any 4 sub parts from each question. Each question carries 1 mark.

69) Fractions provides a step-by-step introduction through a visual and conceptual approach. Basic terminology is covered, followed by procedures for classifying fractions, finding equivalent fractions, reducing to lowest terms, and comparing and ordering. Converting between improper fractions and mixed numbers is also covered.

 Each side of a polygon is 2.9 cm in length and its perimeter is 17.4 cm. On the basis of above information , answer the following question based on above information :

1.Find the perimeter of the polygon

a) 17.4 cm   b)13.5 cm   c)56 cm   d)12.6 cm

2. . How many sides does the polygon. have?

a) 6 sides   b)7 sides   c)8 sides   d)9 sides

3. Divide 2.9 cm by 1000?

a) 0.0029   b) 0.29   c)0.2900   d)0.00029

4. Multiply 2.9 ×1000

a) 2900   b) 290000   c) 2.90   d)29000

70) Definition: A decimal is any number in our base-ten number system. ...
The decimal point is used to separate the ones place from the tenths place in decimals. It is also used to separate dollars from cents in money. As we move to the right of the decimal point, each number place is divided by 10. Sejal can walk to $2\frac{2}{5}$ km in an hour and he covers this distance in $3\frac{1}{3}$ hours on the basis of this information, answer the following questions :

1. How much distance will it cover in $3\frac{1}{3}$ hours?
   a)16 km   b)13 km   c) 8 km   d)12 km

2. How much distance is covered by sejal in one hour?
   a) $1\frac{2}{5}$ km   b) $\frac{12}{5}$ km   c)45 km   d)67 km

3. Convert $3\frac{1}{2}$ hours into minutes ?
   a) 210 min   b) 340 min   c) 560 min   d)450min

4. 1 hours = _____ min.
   a) 60sec   b) 60 min   c)120 min   d)90min

CHAPTER -3

FIBRE TO FABRIC

Q1- MCQ(S)

(a)The process of removing hair from the body of a sheep is called

(i) shearing (ii) sorting (iii) spinning (iv) combing

(b)The fleece of sheep is combed to remove

(i)dust (ii) dirt (iii) burrs (iv) grease

(c)Which country leads the world in silk production?

(i)India (ii) China (iii) Japan (iv) Brazil

(d)Which of the following is not an animal fibre?

(i)polyester (ii) wool (iii) silk (iv) pashmina

Q2 VERY SHORT ANSWER QUESTIONS

1. What is meant by Sericulture?

2. Name an Indian breed of sheep that gives good quality wool.

3 .Name the process of rearing of silkworm for obtaining silk.

4. Why do we not wait for the silk moth to hatch and then boil th cocoon?

5. Why does shearing not hurt the sheep?

Q3 SHORT ANSWER QUESTIONS

1. Differentiate between silk and wool.

2. With the help of a flow chart describe the life cycle of silk worm.

3. If we burn silk fibre it gives us smell of burning hair. Why?

4. Animals activist are against the silk production why?

5. How do the hair of certain animals help in keeping their body warm?

Q4 LONG ANSWER QUESTIONS

1. Write the various steps involved in the production of silk cloth from silk moth.

2. Describe the process of wool production.

Q5 HOTS

1. If we burn silk fibre, it gives a smell of burning hair. Why?

2. Animal activists are against the silk production. Why?

CHAPTER - 4

HEAT AND ITS EFFECTS

Q1- MCQ(S)

(a)The mode of heat transfer that does not require a medium is_____

(i) conduction (ii) convection (iii) radiation (iv) reflection

(b)The normal temperature of a healthy human body is

(i)30 ℃   (ii) 35 ℃   (iii) 40 ℃   (iv) 37 ℃

(c)When one end of metal rod is heated, the other end of the rod gets heated by___

(i)conduction (ii) convection (iii) radiation (iv) reflection

(d)Handles of cooking utensils should be made of materials that are_____

(i)conductors (ii) insulators (iii) radiators (iv) reflectors

Q2 VERY SHORT ANSWER QUESTIONS

1. What are the two conditions necessary for the conduction of heat?

2. How do we measure heat?

3 .Which is the fastest mode of heat transfer: conduction, convection or radiation?

4. What is the range of Celsius scale?

5. Name the thermometer used to measure the temperature of boiling water.

Q3 SHORT ANSWER QUESTIONS

1. What is the sea breeze? How is it set up?

2. Why is mercury used in thermometers?

3. Convert 77 ℉ into degree Celsius.

4. Define radiation. Give one example to show heat transfer by radiation.

5. Define conduction. Give one example to show heat transfer by conduction.

Q4 LONG ANSWER QUESTIONS

1.Give reason for the following:

(i) Air conditioned buildings have double walled doors

(ii) False ceiling keeps the room warm during winters

2. Describe the construction of a laboratory thermometer. Give two precautions to be taken while reading a laboratory thermometer.

Q5 HOTS

1.Explain why a clinical thermometer cannot be used to measure high temperature.

2.Why is water not used instead of mercury in thermometer when it is easily available to you?

CHAPTER - 5

ACIDS, BASES AND SALTS

Q1- MCQ(S)

(a)The mode of heat transfer that does not require a medium is_____

(i)conduction (ii) convection (iii) radiation (iv) reflection

(b)The normal temperature of a healthy human body is

(i)30oC (ii) 35oC (iii) 40oC (iv) 37oC

(c)When one end of metal rod is heated, the other end of the rod gets heated by___

(i) conduction (ii) convection (iii) radiation (iv)reflection

(d)Handles of cooking utensils should be made of materials that are_____

(i)conductors (ii) insulators (iii) radiators (iv) reflectors

Q2 VERY SHORT ANSWER QUESTIONS

1. Which acid is present in an ant's sting?

2. Name two natural indicators and two human made indicators.

3 . What is an acid? Name any two acids

4. Which acid is produced in our stomach?

5. What is a base? Name any two bases.

Q3 SHORT ANSWER QUESTIONS

1. Why do curd, lemon juice and tamarind taste sour?

2. How will you test whether a given solution is acidic, basic or neutral with

a litmus paper?

3. What happens in the stomach when we eat very spicy food?

4. What should be added in the soil when it is(i)too acidic 9ii) too basic

5. Annie is playing in her garden with her friend, Ishrat. Suddenly a bee

Bites Ishrat . Annie immediately brings baking soda and rubs it on the stung area.

(a) Why does Annie apply baking soda?

(b)What value can you learn from Annie?

Q4 LONG ANSWER QUESTIONS

1. Differentiate between acids and bases.

2.What are organic acids, name any two organic acids. How are mineral acids different from organic acids

Q5 HOTS

1. If you are provided with three colourless solutions:- Dil NaOH, water and dil HCl, then how will you identify water from them without tasting.

2. While playing in a park, a child was stung by a wasp. Some elders suggested applying paste of baking soda and others lemon juice as remedy. Which remedy do you think is appropriate and why?

UT 2 CLASS 7

Geography Ch-2 Inside our Earth(Class 7)

MCQs Questions with Answers

Question 1.
_____ minerals are found in the continental masses
(a) Silica and alumina
(b) Silica and magnesium
(c) Nickel and iron
(d) Silica and iron

Question 2.

There are three major types of rocks except

(a) Metamorphic rocks

(b) Sedimentary rocks

(c) Igneous rocks

(d) Mantle rocks

Question 3.
Which type of rocks is called primary rocks

(a) Fossils

(b) Igneous

(c) Metamorphic

(d) Sedimentary

Question 4.
When magma from deep below forces its way up to earths surface, it is called

(a) Sand

(b) Marble

(c) Sediments

(d) Volcano

Question 5.
Sandstone is made from

(a) Grains of soil

(b) Grains of plants

(c) Grains of water

(d) Grains of sand

Question 6.
The Taj Mahal is made of

(a) White marble

(b) Black marble

(c) Red marble

(d) Yellow marble

Question 7.
Fossils are the remains of dead _____

(a) Plants

(b) Animals

(c) Both a and b

(d) None of the above

Question 8.
Lithosphere is

(a) Mantle

(b) Magma

(c) Core

(d) Crust

Question 9.

_____ rocks are hard where _____ rocks are soft.

(a) sedimentary, lava

(b) sedimentary, magma

(c) sedimentary, igneous

(d) igneous, sedimentary

Q1. Fill in the blanks.

   i. Igneous rocks are also called _____ rocks.

  ii.____, _____ and coal are examples of minerals.

 iii.The thinnest layer of the earth is _____.

 iv Deccan plateau is made up of ____ rocks.

 v.The Taj Mahal is made of _____.

Very short answer type questions

1.   Give an example of extrusive igneous rocks.

2. What is the radius of earth?

3.   What is the core of the earth made up of?

4.   What is the innermost layer of the earth?

5. Name the monument which is made of red sandstone?

6.   What are the three layers of the earth?

7. What is crust?

8. What is the uppermost layer of the Earth called?

9. What is the Latin word for igneous?

10. What is the Latin word for sedimentary?

11. What is the Greek word for metamorphic?

12. What are the main mineral constituents of the continental mass?

13. How much of the earth is crust, mantle and core?

14. What makes up the crust of the earth?

Short Answer type questions

1.Why is the earth called a dynamic planet?

2.What are the three layers of the earth?

3. What is a rock?

4. Name three types of rocks.

5. How are extrusive and intrusive rocks formed?

6. What do you mean by a rock cycle?

7.What are the uses of rocks?

8. What are metamorphic rocks?

9.What do you know about the interior of the earth? Explain with the help of diagram.**(Long answer type)**

Class 7
Civics Ch-2 Role of the Government in Health

1- On which of the following does our good health depend?
(a) Clean drinking water
(b) Pollution-free environment
(c) Hygienic food
(d) All of these

2- What should be changed weekly to avoid breeding of mosquitoes'?
(a) T.V. sets   (b) Water in coolers
(c) Roof tops   (d) None of these

3- How much percentage of all communicable diseases are water borne?
(a) 11%   (b) 21%
(c) 31%   (d) 50%

4- Which one of the following is a communicable disease?
(a) Headache   (b) Cancer
(c) Sore Throat   (d) Diarrhoea

5- Which type of healthcare facility is costly?
(a) Private   (b) Public
(c) Both   (d) Both are same

6 -Tax money is used to fund which of the activities?
(a) Education   (b) Defence
(c) Police   (d) All of these

7- By whom are the public health services run?
(a) Government   (b) Private organisations
(c) Private doctors   (d) None of these

8-What does PHC mean?
(a) Private Health Centre
(b) Public Health Court
(c) Primary Health Centre
(d) All of these

9- What does RMP mean?
(a) Registered Medical Practitioners
(b) Retired Medical Practitioners
(c) Recognised Medical Practitioners
(d) All of these

10- Where are medicines sold?
(a) Dispensary
(b) Medical stores
(c) Government hospitals
(d) None of these

VERY SHORT ANSWER TYPE QUESTIONS

1. What do people in a democratic country expect the government?
2. Where do most doctors prefer to settle?
3. Name some water-borne diseases.
4. What problem do rural people face whenever they come in a grip of an illness?
5. What do we need to prevent and treat illnesses?
6. What do you mean by a public health care system?
7. What happened to Hakim Sheik?
8. Why did Hakim Sheik file a case in the court?
9. Who got costly medical treatment—Aman or Raryan?
10. What did the court ask the State Government in the Hakim Sheik case?

Long type questions and answers:-

Q11. Write down the main features of the public health system.
Q12-Mention some positive aspects of healthcare in India.
Q13). Compare public health services with those of private health services.
Q14) What is the Costa Rican approach? Explain.
Q15) What major changes were made by the Kerala government in the state in 1996?

Class 7 History Ch-2 New Kings and Kingdoms

MCQ

Q1.Many new dynasties emerged after the ………………century?

A. 9th
B. 10th
C. 7th
D. 5th

Q2. By the seventh century there were……….. in different regions of the subcontinent.

A. Big rulers
B. Dacoits
C. big landlords or warrior chiefs
D. Priests

Q3. A ritual called hiranya-garbha (literally, the golden womb) was considered as the ……?

A. "Rebirth" of the sacrificer as a Kshatriya
B. Rebirth as a brahman
C. Sacrificial performance
D. None

Q4. The Kadamba Mayurasharman and the GurjaraPratihara Harichandra were ………..who gave up their traditional professions and took to arms?

A. Vaishyas
B. Brahmans
C. Kshatriyas
D. Shudras

Q5. Maharaja-adhiraja stands for ……..?

A. Great king
B. Lord of the three worlds
C. The creator
D. The protector

Q6. Tribhuvana-chakravartin stands for ……?

A. Great king
B. Lord of the three worlds
C. The creator
D. The protector

Q7. The functionaries for collecting revenue were generally recruited from ……., and positions were often hereditary

A. Royal families
B. Local families
C. influential families
D. All

Q8. Prashastis were composed by ……...

A. Administrators
B. Historians
C. Teachers
D. Brahmanas

Q9. Kings often rewarded Brahmanas by grants of land. These were recorded on ……………?

A. Paper
B. Iron boards
C. copper plates
D. Bronze plates

Q10. What was the other name of the great lord of a 'circle' or region?

A. Samantas
B. Subordinates
C. Maha-mandaleshvara
D. King

VeryShort type questions/Answers:

Q 1-Who were the parties involved in the 'tripartite struggle'?
Q2-What were the two major cities under the control of the Chahamanas?
Q3-Who was Dantidurga?
Q4. What were 'prashastis'?
Q5-Who were the writers of Prashastis?
Q6-Who was Kalhana?
Q7-What was 'tripartite struggle'?   [V. Imp.]

Q8- Who wrote Kitab al-Hind?

Q9- Who was Prithviraja in ?

Q10-Who destroyed the temple of Somnath?

Q11 -Why are the temples of Thanjavur and Gangaikonda-cholapuram famous for?[V. Imp.]

Q12. What was called as 'ur'?

Q13. What were called 'nadu'?

Q14. What was known as 'brahmadeya'?

Q15. Define 'nagarams'.

Q16. What was 'sabha'?

Short Answer Type Questions

1. Trace out the emergence of the new class of rulers. [V. Imp.]

2- How was the financial position controlled in these states?   [V. Imp.]

3-Write a note on 'Prashastis'.

4- Who was Kalhana? Why was he famous for?

5-. Who was Prithviraj III? Who defeated him?

6-. What was the role of temples during Chola kingdom? [V. Imp.]

7-Describe the irrigation system of the Chola kingdom.   [Imp.]

8-. How long did tang dynasty last?

Ans. Tang dynasty remained in power for about 300 years (from the seventh to the tenth centuries)

9-. What do you know about periyapuranam?

10-. What role did Samantas play in politics?

11. How were brahmanas rewarded by kings?

12-. Who were the parties involved in the tripartite struggle?

Long Answer Type Questions

1. Write a note on Sultan Mahmud of Ghazni

2. How did the Cholas rise to power? Trace out the role of Rajaraja I in this rise.

CASE STUDY (HISTORY)

In 1318 the poet Amir Khusrau noted that there was "a different language in every region of this land: Sindhi, Lahori, Kashmiri, Dvarsamudri(insouthernKarnataka),Telangani(inAndhraPradesh),Gujari(inGujarat),Ma,,bari(inTamilNadu),Gauri,(in Bengal) … Awadhi (in eastern Uttar Pradesh) and Hindi (in the area around Delhi)".

Amir Khusrau went on to explain that in contrast to these languages there was Sanskrit which did not belong to any region. It was an old language and "common people do not know it,only the Brahmanas do".

1.Who was AmirKhusrau?

2.List the languages mentioned by Amir Khusrau?

3.What were his views regarding Sanskrit?

Q- This is a writing in Persian and Arabic. Answer the following questions related to this picture:
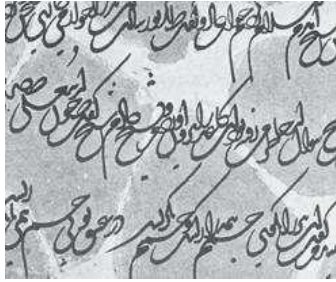
1.What can make the reading of Persian and Arabic difficult?

2.What is nastaliqstyle ofwriting?

3.What is shikastestyle ofwriting?

4.Which style of writing is there in the abovepicture?

COMPUTER

Chapter 3: Doing more with Excel

1. **1.** What do you understand by excel?

2. What do you understand by column, row, cell.

3. How many numbers of cells are present in excel.

4. Explain any 10 formulas in Excel with example.

5. Write difference between Count, CountA.

6. Design Report card by using Excel,

7. What do you understand by if condition, Explain if condition with example.

8. What do you understand by sorting, sort data in Ascending or Descending order by using some examples?

9. explain the difference between Max and Min function.

10. Explain cell formatting.

Chapter 4: Working with Charts

1. 1. Write steps to change font type, font group, font size, font colour.

2. what is the purpose of undo and Redo buttons in Excel?

3. Write any one way to insert a new column.

4. Distinguish between Print Preview and Setting sections in print window.

5. Distinguish between Portrait and landscape orientations.

6. How can a sheet be renamed or deleted in worksheet?

7. How will you change the colour of data in the range A1 to D4 to blue?

8. What do you understand by chart? Explain the needs of the chart in Excel.

9. How many types of charts available in Excel. Explain all types of charts.

10. Write steps to convert data into Chart.

11. Write difference between Line chart and Pie chart.

12. What do you understand about the chart area?

13. Explain components of any Chart with the help of diagrams.

14. Write difference between 2D and 3D charts.

15. Can we modify Chart?

16. According to you, which explains more Table Data or Chart? why

17. Define Sparkline's in a chart.

18. Design marksheet of any 5 subjects in Excel and apply sum, avg , min , percentage , if condition in Marksheet and also apply formatting options.

Marksheet

Subject	Ut 1 (25)	Ut 2 (25)	Max (25) from ut 1 / ut2	Half yearly (25)	Annual (50)	Total (Max Half Annual) (100)	Grade	Avg
Hindi								
Maths								
English								
S.st								
Science								
						Per %		
Min marks								
Max marks								

2.   Make a list of 10 more functions use in Excel. And Perform all functions in Excel sheet.

3.   Explain cell, active cell , cell pointers in excel with the help of example.

4.   What do you understand by count function, apply all types of count function like countif, countA, countifs, count in excel sheet.

5.   Design bill receipt in excel which should have productid, productname, quantity, price, total after all column make bill with total amount with discount.

6.   Update your first activity question of mark sheet by add count, count if, all count related function in first mark sheet activity.

7.   Make a list of any 10 functions use in Excel. And Perform all functions in Excel sheet.

8.   Explain use of Excel. How Excel makes our work essay.

9. What do you understand by Chart? How many types of charts we have in Excel.

10. Convert your excel data in all types of charts.

प्रश्नोत्तराणि

कक्षा-सप्तम

प्रथम: पाठ: -सुभाषितानि

- **एकपदेन उत्तरत-**
  (क) पृथिव्याम कति रत्नानि ?
  (ख) मूढै: कुत्र रत्न संज्ञा विधीयते ?
  (ग) पृथिवी केन धार्यते ?
  (घ) कै: संगति कुर्वीत ?
  (ङ) लोके वशीकृति: का ?
  (च) सत्येन कः तपते ?
  (छ) सत्येन कः वाति ?
  (ज) सर्वं कस्मिन् प्रतिष्ठितम् अस्ति ?
  (झ) ' य: युद्धे पराक्रम करोति ' सः कस्मिन् 'रत्नम्' भवति ?
  (ञ) ' पंचवर्षीय: ध्रुव: कठोरं तपस्याम् अकरोत् ? ' सः कस्मिन् रत्नम् भवति ?
  (ट) केषु विस्मय: न कर्तव्य: ?
  (ठ) कै: सह किमपि न आचरणीयम् ?
  (ड) कै: सह विवादं मैत्री शोभते ?
  (ढ) कस्य संग्रह: कर्तव्य: ?
  (ण) धनस्य धान्यस्य च प्रयोग: कस्मिन् सुखं यच्छति ?
  (त) ' य: लज्जां त्यजति ' सः केन पदेन ज्ञायते ?
  (थ) शान्ति खड्गेन कस्य पराजय: भवति ?
  (द) सर्वं कया साध्यते ?
  (ध) ' बहुरत्ना वसुंधरा ' अनयो: पदयो: विशेष्य पदं किम् ?
  (न) ' त्रीणी रत्नानि ' इति पदयो: विशेषण किम् ?

द्वितीय: पाठ: -दुर्बुद्धि विनश्यति

- **एकपदेन उत्तरत –**
  (क)कूर्मस्य किं नाम आसीत ?
  (ख)   सरस्तीरे के आगच्छन ?
  (ग) कूर्म: केन मार्गेण अन्यत्र गंतुम इच्छति ?
  (घ) लंबमानम कूर्म: दृष्ट्वा के अधावन ?

(ङ) संकट विकटयो: मित्रम् कः आसीत् ?

(च) कूर्मेण केषां वार्ता श्रुता ?

(छ) धीवरा: किम् अकथयन् ?

(ज) कम् अवलोक्य जना: किंचिद वदिष्यन्ति ?

(झ) कस्य मरणम् निश्चितं ?

(ञ) के अधावन् ?

(ट) गोपालका: कं पश्यति ?

(ठ) महद् आश्चर्यम् किम् ?

(ड) कः क्रुद्ध: जात: ?

(ढ) कूर्म: कुत: अपतत् ?

(ण) कूर्म: के मारित ?

(त) ' हंसाभ्याम् ' इति पदे का विभक्ति ?

(थ) ' सरोवरम् ' इति पदे पाठे कः पर्यायवाची पदम् प्रयुक्तम् ?

(द) ' ह्या 'इति पदे पाठे कः विलोम पदम् प्रयुक्तम् ?

(ध) ' कच्छप: 'इति पदे पाठे कः पर्यायवाची पदम् प्रयुक्तम् ?

(न) ' क्रुद्ध: कूर्म: ' अनयो: पदयो: विशेषण पदं किम् अस्ति ?

तृतीय: पाठ: - स्वावलंबनम

(क) कस्य भवने सर्वविधानि सुख साधनानि आसन ?

(ख) कस्य गृहे कोपि भृत्य: नास्ति ?

(ग) श्रीकण्ठस्य आतिथ्यम के अकुर्वन ?

(घ) सर्वदा कुत्र सुखम ?

(ङ) श्रीकण्ठ: कृष्णमूर्ते: गृहम कदा अगच्छत ?

(च) कृष्णमूर्ते: कति कर्मकरा: सन्ति ?

(छ) श्रीकंठस्य भवने कति द्वाराणि सन्ति आसन् ?

(ज) श्रीकंठस्य भवने कति विद्युत व्यजनानि आसन् ?

(झ) कौ कृषक दम्पती आस्ताम् ?

(ञ) कस्य माता पिता च आतिथ्यम् अकुर्वन् ?

(ट) श्रीकंठ: कति वादने गृहम् आगच्छत् ?

(ठ) श्रीकंठ: किम् अकथयत् ?

(ड) कः स्वावलम्बी आसीत् ?

(ढ) कः प्रसन्न: जात: ?

(ण) कति वादने श्रीकंठ: गृहं गच्छति ?

(त) श्रीकंठ: किम् करिष्यति ?

चतुर्थ: पाठ: - हास्यबालकविसम्मेलन

(क) मंचे कति बालकवयः उपविष्टाः सन्ति ?

(ख)   के कोलाहलम कुर्वति ?

(ग) गजधराः कम उद्दिश्य काव्यं प्रस्तौति ?

(घ) तुंदिलः कस्य उपरि हस्तम आवर्तयति ?

(ङ) लोके पुनः -पुनः कानि भवन्ति ?

(च) किम कृत्वा घृतम पिबेत ?

(छ) के उत्सुकाः सन्ति ?

(ज) कविसम्मेलने के आगताः सन्ति ?

(झ) ' विविध-वेषभूषा ' इति पदस्य विशेष्यं किं पदम् ?

(ञ) प्राणान् धनानि च कः हरति ?

(ट) यमराजस्य सहोदरः कः अस्ति ?

(ठ) ' स्वकीयम् काव्यम् ' इति पदस्य विशेषण किं पदम् ?

(ड) कालान्तकः कस्मिन् कार्ये कुशलः ?

(ढ) वैद्यः किं दृष्ट्वा विस्मितः अभवत् ?

(ण) किं दुर्लभम् ?

(त) ऋणम् कृत्वा किं पिबेत् ?

(थ) कस्य पोषणम् सर्वदा उचितमेव ?

(द) कः भोज्यलोलुपः ?

(ध) बालकः केन उत्प्रेरितः अभवत् ?

पंचमः पाठः - पण्डिता रमाबाई

(क) 'पण्डिता' 'सरस्वती' इति उपाधिभ्याम का विभूषिता ?

(ख)   रमा कुतः संस्कृतशिक्षाम प्राप्तवती ?

(ग) रमाबाई केन सह विवाहम अकरोत ?

(घ) कासाम शिक्षायै रमाबाई स्वकीयम जीवनम अर्पितवती ?

(ङ) रमाबाई उच्चशिक्षार्थ कुत्र अगच्छत ?

(च) अनन्तशास्त्री डोंगरे का संस्कृतं अध्यापयत् ?

(छ) रमाबाई केन सह समग्र भारते भ्रमणम् अकरोत् ?

(ज) रमाबाई किदृशम् आन्दोलनम् प्रारब्धवती ?

(झ) रमाबाई नारीशिक्षाविषये स्वमतं कुत्र प्रस्तुवती ?

(ञ) रमाबाई कैः विचारैः प्रभाविता अभवत् ?

(ट) शारदा सदनं कुत्र स्थानान्तरितम् ?

(ठ) मुक्तिमिशन संस्थाने किं भवति ?

(ड) रमाबाई कति पुस्तकानि अलिखत् ?

(ढ) रमाबाई-महोदयायाः निधनं कदा अभवत् ?

षष्ठः पाठः -सदाचारः

(क) कः न प्रतीक्षते ?

(ख) सत्यता कदा व्यवहारे स्यात ?

(ग) किं ब्रूयात ?

(घ) केन सह कलहम कृत्वा नरः सुखी न भवेत ?

(ङ)कः महारिपु : अस्माकम शरीरे तिष्ठति ?

(च) कम कर्मणा सेवेत ?

(छ)व्यवहारे का श्रेयसी ?

(ज) वाचाम कम सेवेत ?

(झ)मनसा कं सेवेत ?

(ञ)प्रात: काले कं स्मरेत ?

(ट) कः कदाचन अहिंसा न अत्यजन |

(ठ) मृत्युः किं न प्रतीक्षते ?

(ड) सनातन: धर्म: कः ?

(ढ) व्यवहारे कदाचन किं च स्यात् ?

(ण) सर्वदा व्यवहारे किं किं स्यात् ?

(त) कस्य परिवर्जनं कर्तव्यम् ?