ESTD:-2013

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R.M PUBLIC SCHOOL

(CBSE AFFILIATION NO.730072)
SESSION–2023-24
Winter Holidays Homework
Class: Tenth

Circular No. : 930   **Date : 28-12-2023**

Dear Parents / Students

Greetings from RMPS Fraternity!

Books become permanent companions. Sometimes, they are born before us; they guide us during our life journey and continue for many generations.
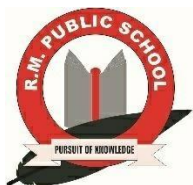
..............A.PJ ABDUL KALAM ....

As we embark on the final stretch of our academic journey, it's time to channel our inner champions and conquer the upcoming challenges. The school has curated a powerful arsenal for your success - the Question Bank!

This treasure trove is not just a compilation of questions; it's a roadmap to excellence.

Seize this opportunity, unleash your potential, and let the Question Bank be your trusted ally in this academic battle.

As you delve into this treasure trove, keep in mind that each question you conquer is a victory, and each challenge you overcome is a step closer to triumph.

May your pens be swift, your minds sharp, and your spirits unwavering.
Let's conquer this together!

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SESSION–2023-24
ENGLISH QUESTION BANK
Class: - 10th
SECTION A - READING SKILLS
Reading Comprehension

1. Read the following passage.

1. Sport has rapidly become an established part of the entertainment industry and the smallest details of sportsmen's private lives are exposed by the media to public scrutiny. Top professionals are often described as 'stars' and large business interests exploit their skills. Considerable profits are made out of selling sports gear which is a replica of the gear used by the professionals, newspapers sell more copies if their sports coverage is good and substantial gains can be made out of the spectators' willingness to gamble on results.

2. The increasing demand for new talented sportsmen serves to strengthen the popular image of professional sports as a highly glamorous occupation. Even those who reach the heights maintain their supremacy for only a relatively short period and then desperately need help to establish themselves in a new career.

3. It is always attractive to do something interesting and to do it as well as possible, but serious injury or an unaccountable loss of form quickly halts the progress of many young sportsmen. Outdoor life can be delightful except when the prevalent weather conditions are rain, wind, snow, fog or ice. It's flattering to hear one's name chanted with acclaim by thousands on the terraces but crowds are fickle and soon forget, once time takes its toll on muscle and mind.

4. Sportsmen at the height of their professional life travel all around the world - a cricket team may spend its winter in Australian summers and the Wimbledon Women Champions may spend the year bathed in sunshine, but their own social lives are disrupted and leisure hours have to be sacrificed to hard,
exhausting practice. All professional sportsmen must adhere to strict training schedules to maintain their physical fitness; their lives are devoted to keeping the body in peak condition by exhausting exercise combined with a strict regimen of self-discipline and moderation in food and drink.

5. Retirement comes at an early age and the financial rewards gained will probably not provide enough to live on for the rest of life and the early-retired sportsman has to seek a new career. He/she enters the new career fifteen years later than his/her contemporaries and often with not enough reputation in his/her sport to persuade an employer to pay him/her a high salary. Perhaps, after all, it is better to remain a keen amateur.

Answer the following questions, based on the passage above.

i. Complete the sentence appropriately. 1

Professional sport is considered as a highly occupation.

(a) Glamorous

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(b) Temporary
(c) Boring
(d) Risky
ii. How is life after retirement for the sportsmen? Answer in about 40 words. 2
iii. Complete the sentence appropriately. 1
The smallest details of sportsmen's private lives are given out by ___ .
iv. The passage includes some words that are synonyms of each other. 1
From the sets (a)-(e) below, identify one set of synonyms :
(a) Private and public
(b) Rapidly and quickly
(c) Relatively and desperately
(d) Enough and often
(e) Fickle and exploit
v. Complete the sentence appropriately. 1
Sportsmen have to sacrifice their leisure life to ___
vi. Supply the things that halts the progress of young sportsperson and state the challenges faced by them.
Answer in about 40 words. 2
vii. Which of the following will be the most appropriate title for the passage? 1
(a) Fame, Power and Career-Sports
(b) Being a Sportsman Forever
(c) A Celebrity Sportsperson
(d) Being Forever Young
viii. State whether the given statement is TRUE or FALSE in the context of the passage.
Sportsmen have to keep their bodies in good condition.

GRAMMAR

2. Complete the following tasks, as directed.
1. Fill in the blank by choosing the correct option to complete an online update. 1
Noida's first wild animal rescue centre is likely ___ end.
(a) by year (b) on year
(c) at year (d) of year
2. Read the conversation between Mannu and Annu. Complete the sentence by reporting it correctly.
Mannu : Where are you going?
Annu : I am going to the market. Do you want anything?
Mannu asked Annu ___. Annu replied she was going to the market and further asked if she wanted anything.
3. Select the correct option to fill in the blank for the given line, from an article by Penguin G.G. J who is considered one of the pioneers of the Gujrati short story.
His writing ___ by a dramatic style, romanticism and powerful depiction of human emotions.
(a) is characterised (b) has been characterised
(c) is characterising characterises

4. Complete the given narrative, by filling in the blank with the correct option.
The center's panel on air quality, CAQM, has directed the agencies ___ to develop proper gas infrastructure in NCR before the next winter.
(a) was concerned
(b) will be concerned
(c) is concerned

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(d) concerned

5. Fill in the blank by using the correct form of the word in the bracket, for the given portion of a letter.
Subject : Insanitary conditions in the colony
Respected Sir/Madam,
I ___ (be) a resident of Ankur Enclave, for the past eleven years. I would like to bring to your notice the sanitary conditions in our colony.

6.. Report the dialogue, by completing the sentence.
Mr. Harish : Can you polish my shoes?
Cobbler : Yes sir. But I will take 10 Rupees for each shoe.
Mr. Harish : I will not mind as long as it is done.
Mr. Harish asked the cobbler could he polish his shoes. The cobbler replied affirmatively and added but ___.

7. Identify the error from a magazine report and choose the correct option.
The traffic police has deployed teams at various intersections in the city to issue challans and impound old and polluting vehicles.
Option No. Error Correction
(a) has have
(b) on at
(c) in of
(d) ever never

8. Place the correct form of the word in the blank:
While we are loath to place restrictions on language use, oxymoron usually refers to a set of ___ (contradict) words rather than to a contradictory person.

9.Transform the sentence from affirmative to negative: As soon as the students saw the teacher, they rushed to their class.
(a) No sooner had the students seen the teacher, than they rushed to their class.
(b) No sooner have the students seen the teacher, than they rushed to their class.
(c) No sooner do the students see the teacher, than they rushed to their class.
(d) No sooner did the students see the teacher, than they rushed to their class.

Q3.You are a resident of Kamala Colony. There have been incidents of chain snatching in your locality in the past 2-3 months. Your resident welfare association took it up with the local police station requesting patrolling in the area after 6 p.m. and surprise checks both of which have not happened. Write a letter to the editor of the local newspaper highlighting the attitude of the police authorities.

Answer the following questions:
i. How can you say that Horace Danby was good and respectable but not completely honest?
ii. Richard's project on the purpose of the twelve tiny gold spots on a monarch pupa was highly valuable in two ways. List the two ways.
iii. How does Think Tank compare the Earth and Earthlings, with Mars and Martians? 3
iv. Why did the custard ,the dragon cry for a nice safe cage?
v. Why did think Tank send his crew on earth?
vi. Why did Prince Siddharth leave the palace and become a monk?
vii. What caused the terror in the villagers?
viii. Why is Bholi's father worried about her?

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ix. What would be the cause of destruction?

x. Why was the shop in Drury Lane suitable according to the invisible man?

xi. How did Mandela's ideals of freedom undergo a change later?

xii. How did the poet change the association of the crow and hemlock in the poem dust of snow?

xiii. What process did Ebright brought to collect monarch butterflies?

ix. What was the 'frightful disaster'? How it changed Loisels' lives?

x. How did 'Bodhi Tree' gets its name?

Answer the long type questions:-

1.' A woman of strength knows it is in the journey where she will become strong.'Comment on the basis of lesson Bholi?

2.'Life starts where fear ends.Fear cripples our power to think. 'If you had to use the message with the reference to the chapters first flight and Nelson Mandela: long walk to freedom' how will you elaborate it? Also,how it is relevant to both.

3.Nothing is worthless ever,even an ordinary book of rhymes can save humanity,' Sum it up with reference to the chapter ,The book that saved the earth?

4. Science has given us many things but it it is man who misuses science. Griffin had made a wonderful discovery but he misused it.How romantic gets affected by misuse of a boon and it becomes a bane. Comment.

5. Concern and love for children can compel parents to take impulsive decisions that may not be good for them. Explain with reference to 'The Proposal'.

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SESSION–2023-24
HINDI QUESTION BANK
Class: - 10th

प्रश्न1-निम्नलिखित गद्यांश को पढ़कर उचित विकल्पवाले प्रश्नों के उत्तर दीजिए।

यह युग एक प्रकार से पैसे का युग है। चारों और धन की ही पुकार मची हुई है। फिर भी किसी गरीब लेखक तथा विद्वान व्यक्ति का करोड़पति उसे अधिक आदर होता है। धन हमेशा ही बुरी आदतों को प्रोत्साहित करता है। धन लोलुप व्यक्ति की सफलता हजारों को दुख और विषाद में डाल सकती है। बुद्धि की दुनिया में सफलता से समाज की उन्नति में सहायता मिलती है धनी धन के घमंड में अपना चरित्र खो बैठता है और धनहीन उसे ही अपना सब कुछ समझ कर अपनाता है। चरित्रवान पुरुष चरित्र को ईश्वर का एक आदेश मानता है और धन संचय या लाभ हानि की चिंता किए बिना निस्वार्थ भाव से अपने कार्य करता है। संसार में विजय पाने के लिए चरित्र बड़ा मूल्यवान शासन होता है। चरित्र के मार्ग पर चलने वाला आदमी सच्चे अर्थों में महान होता है। संसार में जिसका देवता स्वर्ण होता है उसका हृदय प्राय पत्थर का हो जाता है। उसे दूसरे के आंसू पहुंचने में विश्वास नहीं होता। वह दूसरों को मिटाकर बनता है दूसरों के घर गिरा कर अपना घर बनाता है उसकी नस नस से में लोभ भरा होता है। संसार में ऐसे व्यक्तियों की आवश्यकता है जो स्वार्थ के लिए नहीं परमार्थ के लिए जीवित रहते हैं। जोधन के लिए स्वाभिमान नहीं बेचते। जिसकी अंतरात्मा एक दिशा सूचक यंत्र की सुई के समान एक शुभ नक्षत्र की ओर ही देखा करती है। जो अपने समय शक्ति और जीवन को दूसरों के लिए देश जाति और समाज के लिए अर्पित कर देते हैं ऐसे ही व्यक्तियों का चरित्र महान होता है।

(1) संसार में विजय पाने के लिए बड़ा मूल्यवान साधन क्या होता है?

　　(क) चरित्र　　　　(ख) लोभ

　　(ग) स्वार्थ　　　　　(घ) दुख

(2) संसार में जिसका देवता सुवर्ण होता है वह व्यक्ति

　　(क) दूसरों का हित चाहता है　　　　　(ख) धन को ईश्वर मानता है

　　(ग) लाभ हानि की चिंता नहीं करता　　　　(घ) दूसरों के आंसू पोंछता है

(3) चरित्रवान पुरुष के अनुसार चरित्र होता है

　　(क) ईश्वर का आदेश　　　　(ख) दुख का कार　　　　　　　　(ग) लोभ का कारण
　　　　　　(घ) अनादर का कारण

(4) आज के युग को पैसे का युग कहा गया है क्योंकि

　　(क) सभी परमार्थ कर रहे हैं।　　　　(ख) चारों और धन की पुकार है।

　　(ग) चारों और धन जुटाने के अवसर अधिक हैं।　　(घ) सभी चरित्रवान है।

(5) गद्यांश का उपयुक्त शीर्षक होगा

　　(क) चरित्र　　　　　　　　(ख) लाभ हानि

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(ग) निस्वार्थ भाव   (घ) पैसे का युग

प्रश्न 2- निम्नलिखित प्रश्नों के उत्तर निर्देशानुसार दीजिए:-

(i) "वह बाजार गया और फूल खरीद लाया।"रचना की दृष्टि से वाक्य का भेद है

   (क) मिश्र वाक्य   (ख) संयुक्त वाक्य

                    (ग) सरल वाक्य

(II)"पवन क्रिकेट खेलता है।"रचना की दृष्टि से वाक्य का भेद है

   (क) सरल वाक्य   (ख) संयुक्त वाक्य

   (ग) मिश्र वाक्य

(III) सुरभि मेहनती थी सफल हुई।"मिश्र वाक्य का रूपांतरण छांटिए

   (क) सुरभि मेहनती थी वह सफल हुई।   (ख) सुरभि मेहनती थी।

   (ग) सुरभि मेहनत करके सफल हुई।   (घ) क्योंकि सुरभि मेहनती थी, इसलिए सफल हुई।

(IV) निम्नलिखित में से संयुक्त वाक्य है

   (क) पिताजी की इच्छा थी इसलिए मुझे छात्रावास में जाना पड़ा।

   (ख) जब जब वह यहां आता है तो पढ़ाई के बारे में चर्चा करता है।

   (ग) वह पुस्तक लेने बाजार गया।   (घ) तुमने वही किया जिसकी मुझे आशा थी।

(V) जो आलसी था वह असफल हो गया। रचना की दृष्टि से वाक्य है।

   (क) मिश्रित वाक्य   (ख) सरल वाक्य

   (ग) संयुक्त वाक्य   (घ) जटिल वाक्य

प्रश्न 3- निम्नलिखित में से किन्हीं चार प्रश्नों के निर्देशानुसार उत्तर दीजिए:-

(I) इनमें से कौन -सा समास विग्रह सही है?

   (क) द्वारकाधीश _द्वारका का अधीश   (ख) गृह प्रवेश_ गृह से प्रवेश

   (ग) क्रीड़ाक्षेत्र_क्रीडा और क्षेत्र   (घ) पथ भ्रष्ट_ पथ _भ्रष्ट

(II) नवरात्र समस्त पद का विग्रह है

   (क) नव और रात्र   (ख) नौ रात्रिओं का समूह

   (ग) नव के लिए रात्र   (घ) नई रात्रियों का समूह

(III)'नीला है जो कंठ ़का समस्त पद है

   (क) नीलकंठ   (ख) नीलाकंठ

   (ग) कंठनीला   (घ) नीलेकंठ

(IV) 'चंद्रमुख ़समस्त पद का विग्रह है

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(क) चंद्रमा के समान मुख (ख) चंद्रमा में मुख

(ग) चंद्रमा और मुख (घ) चंद्रमा से मुख

(V)' अन्न जल ंके लिए समास का भेद बताइए

(क) तत्पुरुष समास (ख) द्वंद्व समास

(ग) द्विगु समास (घ) कर्मधारय समास

प्रश्न 4- निर्देशानुसार प्रश्नों के उत्तर दीजिए:-

(I)'काम तमाम कर देना ंमुहावरे का अर्थ है

(क) मार डालना (ख) काम की समाप्ति कर लेना

(ग) बदला लेना (घ) काम की शुरुआत कर देना

(II)'सिर पर नंगी तलवार लटकना ंमुहावरे का अर्थ है

(क) सारा काम बिगाड़ देना (ख) मुसीबत दूर होना

(ग) सिर पर मौत आना (घ) मुसीबत सामने होना

(III) हमें कोरोना वायरस से बचाव के लिए हमेशा__चाहिए। उपयुक्त मुहावरे से रिक्त स्थान की पूर्ति कीजिए।

(क) आवाज उठाना (ख) सजग रहना

(ग) ईट से ईंट बजाना (घ) घुटने टेकना

(IV) कश्मीर में आतंकवादियों और सेना के बीच___होती रहती है। वाक्य में उपयुक्त मुहावरे से रिक्त स्थान की पूर्ति कीजिए।

(क) मुठभेड़ होना (ख) दोस्ती करना

(ग) सिर पर मौत आना (घ) आग बबूला होना

(V) अपनी स्थिति से ंबढ़-चढ़कर बोलना ंके लिए उचित मुहावरा छांटिए

(क) छोटा मुंह बड़ी बात (ख) ऊंची दुकान फीका पकवान

(ग) अधजल गगरी छलकत जाए (घ) डींग मारना

(V) 'हाथ पांव फूलना ंमुहावरे के लिए उचित अर्थ है

(क) भाग जाना (ख) घबराना

(ग) बैठ जाना (घ) छिप जाना

प्रश्न 5- निम्नलिखित काव्यांश पर आधारित सभी प्रश्नों के उत्तर दीजिए:-

पावस ऋतु थी पर्वत प्रदेश

पल-पल परिवर्तित प्रकृति वेश

मेखलाकार पर्वत अपार

अपने सहस्र दृग सुमन फाड़,

अवलोक रहा है बार-बार

नीचे जल में निज महाकार,

8

जिसके चरणों में पला ताल

दर्पण सा फैला है विशाल।

(1) पर्वत प्रदेश में कौन सी ऋतु का वर्णन है?

    (क) वर्षा   (ख) वसंत

    (ग) गर्मी   (घ) सर्दी

(2) तालाब की समानता किसके साथ की गई है?

    (क) मुख   (ख) पर्वत

    (ग) प्रकृति   (घ) दर्पण

(3) पर्वत अपना महाकार कहाँ देख रहे हैं?

    (क) नदी में   (ख) अपने चरणों में स्थित ताल में

    (ग) दर्पण में   (घ) समुद्र में

(4) पल-पल कौन परिवर्तित हो रहा है?

    (क) वातावरण   (ख) पहाड़

    (ग) दर्पण   (घ) प्रकृति

(5) अपने सहस्त्र द्रग सुमन फाड़ अवलोक रहा है बार-बार। यहां अवलोक शब्द का अर्थ है

    (क) फैलाना   (ख) दर्पण

    (ग) देखना   (घ) सौ नेत्र

प्रश्न 6 निम्नलिखित प्रश्नों के सही उत्तर वाले विकल्प चुनकर लिखिए।

(1) कबीर दास जी अपने पदों में किसका विरोध करते हैं?

    (क) बाह्य आडंबरो का   (ख) ईश्वर का

    (ग) सच्चे भक्तों का   (घ) अपने विरोधियों का

(2) आत्मत्राण कविता में कवि क्या कहना चाहता है?

    (क) प्रभु कोई कठिनाई उत्पन्न ना करें   (ख) सभी कठिनाइयों, दुखों को स्वयं ईश्वर दूर करें

    (ग) ईश्वर विपदाओं से संघर्ष करने का साहस प्रदान करें।

    (घ) विपदाओं में ईश्वर की करुणा पर संदेह उत्पन्न हो जाए।

प्रश्न 7 निम्नलिखित गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए :-

जब से कानून ऐसे का काम शुरू हुआ है तब से आज तक इतनी बड़ी सभा ऐसे मैदान में नहीं की गई थी और यह सभा तो कहना चाहिए कि ओपन लड़ाई थी। पुलिस कमिश्नर का नोटिस निकल गया था अमुक अमुक धारा के अनुसार कोई सभा नहीं हो सकती। जो लोग काम करने वाले लोग थे सबको इंस्पेक्टरों के द्वारा नोटिस और सूचना दे दी गई थी कि आप यदि सभा में भाग लेंगे तो दोषी समझे जाएंगे। इधर काउंसिल की तरफ से नोटिस निकल गया था कि मॉन्यूमेंट के नीचे ठीक 4:24 पर झंडा फहराया जाएगा तथा स्वतंत्रता की प्रतिज्ञा पढ़ी जाएगी। सर्वसाधारण की उपस्थिति होनी चाहिए। खुला चैलेंज देकर ऐसी सभा पहले नहीं की गई थी।

(1) पुलिस कमिश्नर ने अपने नोटिस में क्या लिखा था?

(क) धार्मिक सभा का आयोजन नहीं होना चाहिए।

(ख) अमुक अमुक धारा के अनुसार कोई सभा नहीं हो सकती है।

(ग) मैदान में सभा का आयोजन किया जा सकता है।

(घ) सभी लोग भाषण दे सकते हैं।

(2) गद्यांश के अनुसार सभा में भाग लेने वाले व्यक्ति क्या समझे जाएंगे?

    (क) दोषी   (ख) महान

    (ग) विनम्र   (घ) देशभक्त

(3) मॉन्यूमेंट के नीचे क्या करने का प्रस्ताव था?

    (क) भाषण देने का   (ख) झंडा फहराने का

    (ग) सांस्कृतिक कार्यक्रम का   (घ) स्वागत करने का

(4) मॉन्यूमेंट के नीचे झंडा फहराने और स्वतंत्रता की प्रतिज्ञा पढ़ने के लिए किस ने नोटिस निकाला?

    (क) पुलिस कमिश्नर   (ख) काउंसिल

    (ग) इंस्पेक्टर   (घ) सुभाष बाबू

(5) कानून भंग का काम शुरू होने के बाद होने वाली सभा को क्या कहा गया है?

    (क) खुला चैलेंज   (ख) कानून भंग

    (ग) ओपन लड़ाई   (घ) स्वतंत्रता

प्रश्न 8- निम्नलिखित प्रश्नों के सही उत्तर वाले विकल्प चुनकर लिखिए :-

(1) निकोबार में विवाह की प्रथा में परिवर्तन आया था क्योंकि

    (क) गांॅव वाले बहुत प्रगतिशील थे   (ख) तताॅरा बहादुर था

    (ग) तताॅरा वामीरो ने अपना जीवन त्याग दिया था

    (घ) निकोबार के लोग वहांॅ वीरों को पसंद करते थे।

(2) 'तीसरी कसम के शिल्पकार शैलेंद्र' पाठ के आधार पर बताइए तीसरी कसम फिल्म में राज कपूर ने कितना पारिश्रमिक लिया था?

    (क) दस लाख   (ख) एक रुपया

    (ग) एक सौ एक रूपया   (घ) ग्यारह रूपये

प्रश्न 9- पद्य पाठों पर आधारित निम्नलिखित प्रश्नों के उतर लगभग 60 शब्दों में दीजिए : -

    (क) साखी शब्द का अर्थ स्पष्ट करते हुए अपने पाठ्यक्रम में संकलित कबीर की सखियों का उद्देश्य स्पष्ट कीजिए ।

    (ख) मीराबाई ने श्री कृष्ण के रूप में सौंदर्य का वर्णन कैसे किया है ?

    (ग) आत्मत्राण शीर्षक की सार्थकता कविता के संदर्भ में स्पष्ट कीजिए ।

प्रश्न 10- गद्य पाठों पर आधारित निम्नलिखित तीन प्रश्नों में से किन्हीं दो प्रश्नों के उत्तर लगभग 70 शब्दों में लिखिए

(क) 'पतझड़ में टूटी पत्तियाँ के लेखक के अनुसार सत्य केवल वर्तमान है ,उसी में जीना चाहिए। क्या आप लेखक के विचार से सहमत हैं ?अपने पक्ष के समर्थन या विरोध में तर्क सहित उत्तर दीजिए।

(ख) निदा फ़ाज़ली अपनी माँ और पत्नी द्वारा जीव जंतुओं के साथ किए जाने वाले व्यवहार के अंतर में क्या कहना चाहते हैं ? 'अब कहाँ दूसरे के दुख से दुखी होने वाले' पाठ के संदर्भ में लिखिए।

(ग) " तताँरा वामीरो कथा ' पाठ के आधार पर ' पशु पर्व ' में होने वाली घटना का उल्लेख कीजिए।

प्रश्न 11- निम्नलिखित प्रश्नों के उत्तर 60 शब्दों में दीजिए:-

(क) ठाकुरबारी के विकास के क्या कारण थे?

(ख) 'टोपी शुक्ला'पाठ में इफ़फन की दादी के स्वभाव की उन विशेषताओं का उल्लेख कीजिए, जिसके कारण टोपी ने दादी बदलने की बात कही?

(ग) 'सपनों के से दिन'कहानी के आधार पर लिखिए पीटी साहब की 'शाबास'बच्चों को फौज के तमगे सी क्यों लगती थी?

प्रश्न 12- निम्नलिखित विषय पर लगभग 100 शब्दों में अनुच्छेद लिखिए:-

(क) ग्लोबल वार्मिंग का बढ़ता खतरा

* दुष्प्रभाव

* मानवीय हस्तक्षेप का प्रभाव

* बचाव हेतु सुझाव

प्रश्न 13- इंटरनेट के बढ़ते उपयोग के साथ ही ऑनलाइन धोखाधड़ी और साइबर क्राइम में भी बहुत वृद्धि हुई है ।इस बारे में छोटी बहन या छोटे भाई को सतर्क करने के लिए लगभग 120 शब्दों में पत्र लिखिए |

प्रश्न 14- मुनिरका हॉकी स्टेडियम में हॉकी के मैच के संदर्भ में एक सूचना लगभग 80 शब्दों में लिखिए।

प्रश्न 15 -एशियन पेंट पर एक विज्ञापन लगभग 60 शब्दों में तैयार कीजिए।

प्रश्न 16- आप रश्मि/मयंक है और आप आर्थिक समस्याओं से घिरे हुए हैं। आप प्रधानाचार्य को अपनी समस्या से अवगत कराते हुए छात्रवृत्ति के लिए ई-मेल लगभग 100 शब्दों में लिखिए।

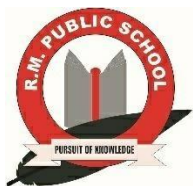प्रश्न17 - दिए गए संकेत बिंदु के आधार पर 100 शब्दों में लघु कथा लिखिए।

एक गांॅव में किसान___घोड़ा गाड़ी कीचड़ में___मेहनत की। भगवान को याद किया__बहुत प्रयास किया ____किसान खुश होकर घोड़ा गाड़ी में जा बैठा।

प्रश्न 18- बड़े भाई साहब कहानी के माध्यम से अपने छोटे भाई के जीवन में सफल होने में बड़े भाई की भूमिका के विषय में जाना |इस पाठ से प्राप्त सीख का वर्णन कीजिए|

प्रश्न19-' झेन की देन 'पाठ हमें अत्यधिक व्यस्त जीवन शैली और उसके दुष्परिणामों से अवगत कराता है |कथन का मूल्यांकन करते हुए अपने विचार लिखिए|

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प्रश्न20- आपके पाठ्यक्रम में किस कविता में युद्ध में लड़ रहे सैनिकों की मनोदशा का चित्रण किया गया है? अपने शब्दों में वर्णन कीजिए|

प्रश्न21- आपके द्वारा पाठ्यक्रम में पढ़ी गई कविता ' पर्वत प्रदेश में पावस' में कवि ने बादलों से पर्वत चिप जाने पर क्या कल्पना की है? लगभग 60 शब्दों में उत्तर दीजिए|

प्रश्न22- एक रात उनके भाइयों ने भी वही रूप धारण कर लिया,जो रूप महंत ने धारण किया था| हरिहर काका को महंत और अपने भाई एक ही श्रेणी के क्यों लगने लगे?तर्क सहित स्पष्ट कीजिए|

प्रश्न23- 'मनुष्यता' कविता के आधार पर स्पष्ट कीजिए कि मनुष्य कब अहंकारी हो जाता है?

प्रश्न24- आपके द्वारा इस पाठ्यक्रम में पढ़ी गई कविता में तोप को दो बार चमकाने की बात कही गई है| यह अवसर कौन से होंगे?लगभग 60शब्दों में व्यक्त कीजिए|

प्रश्न 25- अपने क्षेत्र में पेयजल की समस्या की ओर ध्यान आकर्षित करते हुए स्वास्थ्य अधिकारी को लगभग 100 शब्दों में पत्र लिखिए|

प्रश्न26- आपका नाम रोहित खन्ना है और आप 10वीं कक्षा में पढ़ते हैं|विद्यालय परिसर में आपकी अंग्रेजी की नोटबुक कहीं गिर गई है |इस संदर्भ में 80 शब्दों में सूचना लिखिए|

प्रश्न27 गर्मियों की छुट्टियों में किसी संस्थान द्वारा 'कथक नृत्य 'सिखाने हेतु 60 शब्दों में विज्ञापन लिखिए|

प्रश्न28- 'सादा जीवन,उच्च विचार 'युक्ति को आधार बनाकर लगभग 100 शब्दों में एक लघु कथा लिखिए|

प्रश्न29- आप नेहा कुमारी/ नमन कुमार है |आपके क्षेत्र में जल की पर्याप्त सप्लाई नहीं हो रही है| नगर योजना अधिकारी को इस समस्या से अवगत कराते हुए एक ई-मेल लिखिए|

प्रश्न30- चाय पीने की प्रक्रिया ने लेखक के दिमाग की गति धीमी कैसे कर दी |पतझर में टूटी पत्तियाँ 'पाठ के आधार पर बताइए|

प्रश्न31-' नेत्रदान महादान' विषय को आधार बनाकर 60 शब्दों में विज्ञापन लिखिए|

प्रश्न32- मनीऑर्डर खो जाने की शिकायत करते हुए तिलक नगर क्षेत्र, दिल्ली के डाकपाल को लगभग 100 शब्दों में एक पत्र लिखिए|

प्रश्न33- 'सत्य को कभी छुपाया नहीं जा सकता 'कथन को आधार बनाकर लगभग 100 शब्दों में लघु कथा लिखिए|

प्रश्न 34. वर्तमान समय में हरिहर काका जैसे लोगों को देखते हुए युवा पीढ़ी का क्या कर्तव्य होना चाहिए ?

प्रश्न 35. सुभाष बाबू के जुलूस को ओपन लड़ाई क्यों कहा गया है ? डायरी का एक पन्ना पाठ के आधार पर उत्तर दीजिए ।

प्रश्न36. मीरा श्री कृष्ण की सेवा करके वेतन रूप में क्या पाना चाहती है ?

प्रश्न37. 'कर चले हम फिदा' कविता में सैनिक की इच्छाएँ आशाएँ क्या है, और यही कविता हमें क्या संदेश देती है ?

प्रश्न38. जापान में यहाँ चाय पिलाई जाती है उस स्थान की क्या विशेषता है ?

प्रश्न39. कबीर की सखियों का मुख्य उद्देश्य क्या है ?

प्रश्न40. कैसे मनुष्य का जीना और मरना दोनों बेकार है और क्यों ? कविता 'मनुष्यता' के आधार पर उत्तर दीजिए ?

प्रश्न41. टोपी शुक्ला पाठ में इफ्फन की दादी के स्वभाव की उन विशेषताओं का उल्लेख कीजिए जिनके कारण टोपी ने दादी बदलने की बात की है ?

प्रश्न42. पर्वत प्रदेश में पास कविता में झरने पर्वतों का गौरव गान कैसे करते हैं?

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प्रश्न43. लेखक के बचपन में बच्चों के न पढ़ पाने के लिए अभिभावक अधिक जिम्मेदार थे इससे आप कितना सहमत है ? उत्तर पाठ सपनों के से दिन के आधार पर दीजिए।

प्रश्न44. ग्लोबल वार्मिंग विषय पर (100 -120) शब्दों में अनुच्छेद लिखें ।

प्रश्न45. आप एक योग प्रशिक्षण केंद्र खोलना चाहते हैं ।इस संबंध में युवाओं को आकर्षित करने वाला एक विज्ञापन तैयार कीजिए ?

प्रश्न46. आपके क्षेत्रीय पार्क की सफाई करवाने हेतु नगर निगम अधिकारी को एक ई मेल पत्र लिखें?

प्रश्न47. 'मजहब नहीं सिखाता आपस में बैर रखना उक्ति पर एक लघु कथा लिखिए ?

प्रश्न48. सुलेमान कौन थे ?और उनके व्यक्तित्व की क्या विशेषताएँ थीं?

प्रश्न49. समुद्र ने अपना क्रोध किस प्रकार प्रकट किया ? पाठ 'अब कहाँ दूसरों के दुख से दुखी होने वाले' के आधार पर उत्तर दीजिए ।

प्रश्न50. गुमशुदा लड़की की तलाश के लिए अपने नजदीकी थाने में खबर देने की सूचना तैयार करें ।

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R.M PUBLIC SCHOOL

(CBSE AFFILIATION NO.730072)

SESSION–2023-24
MATH BASIC QUESTION BANK
Class: - 10th

Choose the correct option:

Q .1 In triangle ABC, DE|| AB.If AB= a, BE=b and EC=c. Express x in terms of a,b and c.

(i) ac/b. (ii) $ac/(b+c)$. (iii) ab/c (iv) none of these

Q.2 If cos A= 4/5 .then tanA is

(i) 3/5 (ii) 3/4 (iii) 4/3. (iv) 5/3

Q .3 If sinA =a/b ,then cosA is equal to

(i) $b/\sqrt{(b^2-a^2)}$ (ii) b/a (iii) $\sqrt{(b^2-a^2)}/b$ (iv) none of these

Q.4 Graphically, the pair of equations 7x − y = 5; 21x − 3y = 10 represents two lines which are

(a) intersecting at one point

(b) parallel

(c) intersecting at two points

(d) coincident.

Q .5 The arithmetic mean of five given number is 85. It means that the sum of five numbers is

(i) 425 (ii) 85 (iii) between 85 and 425 (iv) none of these.

Q.6 One equation of a pair of dependent linear equations is 2x + 5y = 3. The second equation will be

(a) 2x + 5y = 6

(b) 3x + 5y = 3

(c) -10x – 25y + 15 = 0

(d) 10x + 25y = 15

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Q. 7 If one root of the quadratic equation $2x^2 + kx - 6 = 0$ is 2, the value of k is

(a) 1

(b) -1

(c) 2

(d) -2

Q.8 The value of cos 0°. cos 1°. cos 2°. cos 3°… cos 89° cos 90° is

(a) 1

(b) -1

(c) 0

(d) $12\sqrt{2}$

Q.9 The probability of getting a spade card from a well shuffled deck of 52 cards is (a) 1/4 (b) 12/13 (c) 3/4 (d) 1/13.

Q.10 A girl calculates that the probability of her winning the first prize in a lottery is 8100. If 6,000 tickets are sold, how many tickets has she bought?

(a) 400

(b) 750

(c) 480

(d) 240

Q.11 If p, q, r and s are in A.P. then r – q is

(a) s – p

(b) s – q

(c) s – r

(d) none of these

Q.12 The (n – 1)th term of an A.P. is given by 7,12,17, 22,… is

(a) 5n + 2

(b) 5n + 3

(c) 5n – 5

(d) 5n – 3.

Q.13 The 10th term from the end of the A.P. -5, -10, -15,…, -1000 is

(a) -955

(b) -945

(c) -950

(d) -965

15

Q.14 If x and y are complementary angles, then

(a) sin x = sin y

(b) tan x = tan y

(c) cos x = cos y

(d) sec x = cosec y

Q. 15 If sin A − cos A = 0, then the value of sin4 A + cos4 A is

(a) 2

(b) 1

(c) 34

(d) 12

Q. 16.A vertical tower stands on a horizontal plane and is surmounted by a vertical flagstaff of height h . At a point on the plane, the angle of elevation of the bottom of the flagstaff is A and that of the top of the flagstaff is B. Prove that the(h tanA)/(tanB-tanA).

Q. 17 .Find the area of a quadrant of a circle whose circumference is 22 cm.

Q.18.A toy is in the form of hemisphere of diameter 7 cm.the Total height of toy is 14.5 cm.   Find the volume and surface area of toy.

Q.19. A box contains 20 cards numbered from 1 to 20 . A card drawn at random from the box. Find the probability that the card drawn at random is divisible by 2 or 3.

Q.20.Three coins are tossed simultaneously. Find the probability of getting

(i) Exactly 2 heads (ii) at least 1 head (iii) at most 2 tails (iv) exactly 3 heads

Q.21. All the black Ace cards are removed from a pack of 52 playing cards. The remaining cards are well shuffled and then a card is drawn at random. Find the probability of getting.

i) a Ace card

ii) a red card

iii) a black card

iv) a Jack

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Q 22.A rocket is in the form of a cylinder, closed at the lower end, has a cone attached to its top. If each one has a radius 20 cm and height 21 cm, find the surface area of the rocket.

Q. 23. An ice - cream cone consists of a cone surmounted by a hemisphere. The radius of the hemisphere is 3.5 cm and height of the ice - cream cone is 12.5 cm. Calculate the volume of the ice – cream in the cone

Q.24. The inner circumference of a circular track is 220m. The track is 7m wide everywhere. Calculate the cost of putting up a fence along the outer circle at the rate of Rs.2 per metre.

Q.25. Find the area of the minor segment of a circle of radius 42 cm, if length of the corresponding arc is 44 cm.

Q.26. A square is inscribed in a circle. Calculate the ratio of area of circle to that of square.

Q. 27. The three vertices of a parallelogram ABCD are A (3, -4), B (-1, -3) and C (-6, 2). Find the coordinates of vertex D and find the area of ABCD.

Q.28. The vertices of quadrilateral ABCD are A (5, -1), B (8,3), C (4, 0) and D (1, -4). Prove that ABCD is a rhombus.

Q.29. Find the area of a rhombus if its vertices are (3, 0), (4, 5), (-1, 4) and (-2, -1) taken in order.

Q.30 If the sum of first m terms of an A.P. is the same as the sum of its first n terms, then show that the sum of its first (m + n) terms is zero.

Q.31 For what value of n, are the nth terms of two APs: 63, 65, 67, . . . and 3, 10, 17, . . equal?

Q 32 .Find the middle term of the AP -11, -7, -3, ..., 45.

Q. 33.How many two-digit numbers are divisible by 3?

Q.34. Yash scored 40 marks in a test, receiving 3 marks for each correct answer and losing 1 mark for each wrong answer. Had 4 marks been awarded for each correct answer and 2 marks been deducted for each wrong answer, then Yash would have scored 50 marks. How many questions were there in the test?

Q.35. Find the two-digit numbers whose sum is 75 and difference is 15.

Q. The monthly incomes of A and B are in the ratio 5:4 and their expenditure are in the ratio 7:5. If each saves 3000/- per month, find the monthly income of each.

Q.36 .Find a quadratic polynomial the sum and product of whose zeros are 3 and -2/5 respectively.

Q.37 If α and β are zeros of $3x^2 + 5x + 13$,then find the value of $1/\alpha + 1/\beta$.

Q.38. Two brands of chocolates are available in packs of 24 and 15 respectively. If I buy an equal number of chocolates of both kinds, what is the least number of boxes of each kind I would need to buy?

Q.39 .Find the largest number which divides 70 and 125 leaving reminder 5 and 8 Respectively.

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Q.40 .A motor boat whose speed is 24 km/h in still water takes 1 hour more to go 32 km upstream than to return downstream to the same spot. Find the speed of the stream.

Q.41. Find the positive value(s) of k for which quadratic equations $x^2 + kx + 64 = 0$ and $x^2 - 8X + k = 0$ both will have real roots.

Q. 42. If $\cos\theta + \sin\theta = \sqrt{2}\cos\theta$, show that $\cos\theta - \sin\theta = \sqrt{2}\sin\theta$.

Q 43. Prove that $\sin\theta (1+\tan\theta)+\cos\theta (1+\cot\theta)=\sec\theta+\csc\theta$.

Q .44 Prove that: $(\sin\theta+\csc\theta)^2 + (\cos\theta+\sec\theta)^2 = 7+\tan^2\theta+\cot^2\theta$.
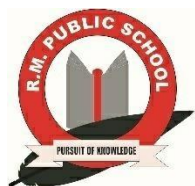
Q45 .Find the median of the data using an empirical formula, when it is given that mode = 35.3 and mean = 30.5.

Q.46.Two poles of equal heights are standing opposite to each other on either side of the road, which is 100 m wide. From a point between them on the road, the angles of elevation of the top of the poles are 60° and 30° respectively. Find the height of the poles.

Q 47 .India is competitive manufacturing location due to the low cost of manpower and strong technical and engineering capabilities contributing to higher quality production runs. The production of TV sets in a factory increases uniformly by a fixed number every year. It produced 16000 sets in 6th year and 22600 in 9th year.

Based on the above information, answer the following questions:

1. Find the production during first year.

2. Find the production during 8th year.

3. Find the production during first 3 years.

4. In which year, the production is Rs 29,200.

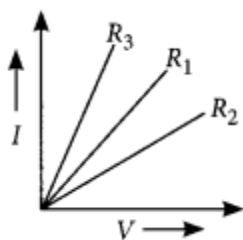5. Find the difference of the production during 7th year and 4th year.

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SESSION–2023-24
QUESTION BANK
Class: - 10th

SUBJECT: PHYSICS

1. **A beam of rays, parallel to the principal axis, is incident on a convex mirror. Show diagrammatically, the path of these rays after reflection from the mirror.**

2. **Three mirrors, one plane, one concave and one convex are lying on the table. How can a person identify them without touching them or using any other apparatus or device?**

3. A current of 10 A flows through a conductor for two minutes.
   (i) Calculate the amount of charge passed through any area of cross section of the conductor.
   (ii) If the charge of an electron is 1.6×10^{-19} C, then calculate the total number of electrons flowing

4. Name a device that you can use to maintain a potential difference between the ends of a conductor. Explain the process by which this device does so.

5. A student plots V-I graphs for three samples of nichrome wire with resistances R_1, R_2 and R_3. Choose from the following the statements that holds true for this graph. (2020)

   (a) $R_1 = R_2 = R_3$
   (b) $R_1 > R_2 > R_3$
   (c) $R_3 > R_2 > R_1$
   (d) $R_2 > R_1 > R_3$

6. State Ohm's law. Draw a labelled circuit diagram to verify this law in the laboratory. If you draw a graph between the potential difference and current flowing through a metallic conductor, what kind of curve will you get? Explain how would you use this graph to determine the resistance of the conductor.

7. Define the term power of accommodation. Write the modification in the curvature of the eye lens which enables us to see the nearby objects clearly?

8. (a) List the parts of the human eye that control the amount of light entering into it. Explain how they perform this function?
   (b) Write the function of retina in human eye.

9. (a) A person is suffering from both myopia and hypermetropia.

(i) What kind of lenses can correct this defect?

(ii) How are these lenses prepared?

(b) A person needs a lens of power +3 D for correcting his near vision and -3 D for correcting his distant vision. Calculate the focal lengths of the lenses required to correct these defects.

10. An old man cannot see objects closer than 1 m from the eye clearly. Name the defect of vision he is suffering from. How can it be corrected? Draw ray diagram for the (i) defect of vision and also (ii) for its correction.

11.

Draw a ray diagram to show the refraction of light through a glass prism. Mark on it (a) the incident ray, (b) the emergent ray and (c) the angle of deviation

12. . Draw magnetic field lines around a bar magnet. Name the device which is used to draw magnetic field lines.

13. Find the direction of magnetic field due to a current carrying circular coil held:

(i) vertically in North – South plane and an observer looking it from east sees the current to flow in anticlockwise direction,

(ii) vertically in East – West plane and an observer looking it from south sees the current to flow in anticlockwise direction,

(iii) horizontally and an observer looking at it from below sees current to flow in clockwise direction .

14. **An electric oven of 2 kW power rating is operated in a domestic electric circuit (220 V) that has a current rating of 5 A. What result do you expect? Explain.**

15. **List two methods of producing magnetic fields.**

16. An object is placed at a distance of 12 cm in front of a concave mirror of radius of curvature 30 cm. List four characteristics of the image formed by the mirror.

SUBJECT:CHEMISTRY

C_3H_8 belongs to the homologous series of

(a) Alkynes

(b) Alkenes

(c) Alkanes

(d) Cycloalkanes

The allotrope of carbon which is a good conductor of heat and electricity is

(a) Diamond

(b) Graphite

(c) Charcoal

(d) None of these

What are covalent compounds? Why are they different from ionic compounds? List their three characteristic properties.

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State the reason why carbon can neither form C^{4+} cations nor C^{4-} anions, but forms covalent compounds. Also state reasons to explain why covalent compounds :
(i) are bad conductors of electricity?
(ii) have low melting and boiling points?

Write the name and molecular formula of the fourth member of alkane series.

What is meant by amphoteric oxides? Choose the amphoteric oxides from the following :
Na_2O, ZnO, CO_2, Al_2O_3, H_2O

Compare in tabular form the reactivities of the following metals with cold and hot water:
(a) Sodium
(b) Calcium
(c) Magnesium

Give reason:
(a) Aluminium is a reactive metal but is still used for packing food articles.
(b) Calcium starts floating when water is added to it.

With the help of an example explain what happens when a base reacts with a non- metallic oxide. What do you infer about the nature of non-metal oxide?

What is observed when carbon dioxide gas is passed through lime water
(i) for a short duration?
(ii) for a long duration? Also write the chemical equations for the reactions involved.

2 mL of sodium hydroxide solution is added to a few pieces of granulated zinc metal taken in a test tube. When the content are warmed, a gas evolves which is bubbled through a soap solution before testing. Write the equation of the chemical reaction involved and the test to detect the gas. Name the gas which will be evolved when the same metal reacts with dilute solution of a strong acid.

To. a solution of sodium hydroxide in a test tube, two drops of phenolphthalein are added.
(i) State the colour change observed.
(ii) If dilHCl is added dropwise to the solution, what will be the colour change?
(iii) On adding few drops of NaOH solution to the above mixture the colour of the solution reappears. Why?

Explain the significance of photosynthesis.
Write the balanced chemical equation involved in the process.

1 g of copper powder was taken in a China dish and heated. What change takes place on heating? When hydrogen gas is passed over this heated substance, a visible change is seen in it. Give the chemical equations of reactions, the name and the colour of the products formed in each case.

Mention with reason the colour changes observe when:
(i) silver chloride is exposed to sunlight.
(ii) copper powder is strongly heated in the presence of oxygen.
(iii) a piece of zinc is dropped in copper sulphate solution.

2 g of ferrous sulphate crystals are heated in a dry boiling tube.
(a) List any two observations.
(b) Name the type of chemical reaction taking place.
(c) Write balanced chemical equation for the reaction and name the products formed.

(a) Explain two ways by which food industries prevent rancidity.
(b) Discuss the importance of decomposition reaction in metal industry with three points.

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SUBJECT: BIOLOGY

Q1–2 are Assertion – reason type questions and 3 -16 are short to long type questions.

Following questions consist of two statements – Assertion (A) and Reason (R). Answer these questions selecting the appropriate option given below:
(a) Both A and R are true and R is the correct explanation of A.
(b) Both A and R are true but R is not the correct explanation of A.
(c) A is true but R is false.
(d) A is false but R is true.

1. **Assertion (A):** Rings of cartilage are present in the throat,
    Reason (R) : These ensure that the air-passage does not collapse

Assertion: If mother is homozygous for black hair and father has red hair then their child can inherit black hair.
Reason: Gene for black hair is recessive to gene for red hair in humans.

(a) "Blood circulation in fishes is different from the blood circulation in human beings". Justify the statement.
(b) Describe "blood circulation" in human beings.

2.   a) In the process of respiration, state the function of alveoli.
     (b) Rate of breathing in aquatic organisms is much faster than that in terrestrial organisms. Give reasons.
     (c) Draw a flow chart to show glucose breakdown by various pathways.
3. Explain any three directional movements in plants.
    (b) How brain and spinal cord are protected in human ?
    (c) Name the master gland present in the brain.
4. List three techniques that have been developed to prevent pregnancy. Which one of these techniques is not meant for males? How does the use of these techniques have a direct impact on the health and prosperity of a family?
5. Explain the process of fertilization in flowering plants with a well labelled diagram.
6. In the following food chain, plants provide 500 J of energy to rats. How much energy will be available to hawks from snakes?Plants → Rats → Snakes → Hawks
7. How did Mendel explain that it is possible that a trait is inherited but not expressed in an organism?
8. A) E is the gene for brown eye colour and e is the gene for blue eye colour. Which gene is (i) recessive, and (ii) dominant ?
    (b) Both father and mother have the genes Ee in their cells. What colour are their eyes ?
    (c) Which combination of genes in the zygote will produce children with blue eyes ?
    (d) Which combinations of genes in the zygote will produce children with brown eyes ?
9. Why the flow of energy in an ecosystem is always unidirectional ? Justify your answer.
10. What are the different parts of the brain ? Explain the function of each of these parts.
11. A cross was made between pure breeding pea plant one with tall and round seeds and the other with dwarf and wrinkled seeds.
    (a) Write the phenotype of F_1 progeny. Give reason for your answer.
    (b) Write the different types of F_2 progeny obtained along with their ratio when F_1 progeny was selfed.
12. Explain the process of digestion of carbohydrates and proteins in human beings.
13. **Pea plants can have smooth seeds or wrinkled seeds. One of the phenotypes is completely dominant over the other. A farmer decides to pollinate one flower of a plant with smooth seeds using pollen from a plant with wrinkled seeds. The resulting pea pod has all smooth seeds.**

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i) Which of the following conclusions can be drawn?

(1) The allele for smooth seeds is dominated over that of wrinkled seeds.
(2) The plant with smooth seeds is heterozygous.
(3) The plant with wrinkled seeds is homozygous.
(a) 1 only
(b) 1 and 2 only

(c) 1 and 3 only

(d) 1, 2 and 3
ii) Which of the following crosses will give smooth and wrinkled seeds in same proportion?
(a) RR X rr

(b) Rr X rr

(C) RRX Rr
(d) rr X rr
iii)On crossing of two heterozygous smooth seeded plants (Rr), a total of 1000 plants were obtained in F1 generation. What will be the respective number of smooth and wrinkled seeds obtained in F1 generation?
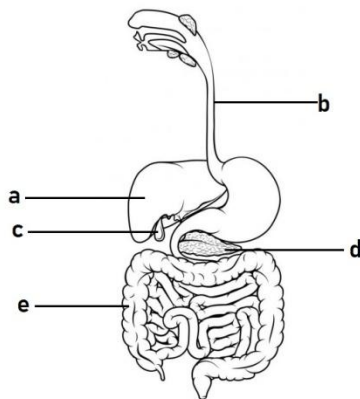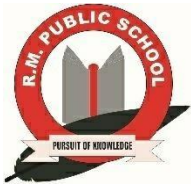
(a) 750, 250

(b) 500, 500
(C) 800, 200
(d) 950, 50
16. Diagram of alimentary canal of man is given. Parts labelled as a, b ,c, d and e.

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SESSION–2023-24
QUESTION BANK
Class: - 10th

SUBJECT: SOCIAL SCIENCE

SECTION A

(Very Short Answer Type Questions)

1.Examine the significance of pipeline as a means of transportation in the country

2.Why has India adopted a multi-party system? Explain

3.Why is the iron and steel industry called as the basic industry? Explain.

4.Democracies are based on political equality. Examine the statement.

5. Why are transactions made in money? Explain.

6.Why did Mahatma Gandhi decide to call off the Civil Disobedience Movement in 1931?

7.Why did Indian merchants and industrialists support the Civil Disobedience Movement? Explain.

8.Why does the textile industry occupy a unique position in the Indian economy?

9. Why did the Non-Cooperation Movement gradually slow down in the cities? Explain.

10.Explain the importance of cement industry.

11.WhatwerethecircumstanceswhichledtoJalianwalabaghincident?Describeinbriefthereactionofthrpeopleimmediatelyaftertheincident.

12.Describethesignificanceofsilkroutesinthepremodernperiodinthefieldoftradeculturalexchangeandreligion.

13.Whatisanorganisedsector?Mentionanythreeadvantagesofworkingintheorganisedsector.

14.Statethesignificanceofthe'EqualWagesAct'.

15.Whatdoyoumeanbymultipartysystem?

16.Whichformofgovernmentisfoundinmostofthecountriesoftheworld?

17. WhatwasthereasonforcallingoffftheNoncooperationMovement?

18.How is Demand Deposit an essential feature of money?

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19.Examine the significance of air transport.

20.Why did Indian merchants and industrialists support the Civil Disobedience Movement? Exp

(Long type questions)

1. What steps shoutbe taken to create more employment? Explain

2. " Democracy stands much superior to any other form of government in promoting dignity and freedom of the individual".Support the statement giving three suitable points.

3. " industrialisation and urbanisation go hand in hand". Justify the statement by giving arguments.

4.Analyse the major challenges faced by the political parties in India

5. What is the meaning of 'barter system'?

6 What is money? Why is modern money currency accepted as a medium of exchange?

7. "Cheap and affordable credit is essential for poor households both in rural and urban areas." In the light of the above statement explain the social and economic values attached to it.

8.How does money solve the problem of double coincidence of wants? Explain with an example.

9.Analyse the role of political parties in India.

10.Examine the factors which facilitate globalization in India.

11.Q.1 Give reason for the following:

a) Woodblock print only came to Europe after 1295.

b) Martin Luther was in favour of print and spoke out in praise of it.

12.Democracies accommodate social diversities and provide dignity and freedom to the citizens. Justify the statement.

13.Dignity and equal treatment of women are necessary ingredients of a democratic society. Justify the statement.

14.How are self-help groups the building blocks of the rural poor? Explain with examples.

15.State how caste inequalities are still continuing in India.

16.Mention different aspects of life in which women are discriminated or disadvantaged in India.

17.State how caste inequalities are still continuing in India.

18.Mention different aspects of life in which women are discriminated or disadvantaged in India.

19.Describe how communities have conserved and protected forests and wildlife in India?

20.What is water scarcity and what are its main causes?

21. Explain slash-and-burn agriculture. How it is known in different parts of India.

22.Establish the difference between Commercial farming and Subsistence farming with the help of a suitable example

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23. What steps can be taken to control soil erosion in hilly areas?

(Case based questions)

1.The value of final goods and services produced in each sector during a particular year provides the total production of the sector for that year. And the sum of production in the three sectors gives what is called the Gross Domestic Product (GDP) of a country. It is the value of all final goods and services produced within a country during a particular year. GDP shows how big the economy is. In India, the mammoth task of measuring GDP is undertaken by a central government ministry. This Ministry, with the help of various government departments of all the Indian states and union territories, collects information relating to total volume of goods and services and their prices and then estimates the GDP. When we produce a good by exploiting natural resources, it is an activity of the primary sector. The secondary sector in which natural products are changed into other forms through ways of manufacturing that we associate with industrial activity. After primary and secondary, there is a third category of activities that falls under the tertiary sector and is different from the above two. These are activities that help in the development of the primary and secondary sectors. These activities, by themselves, do not produce a good but they are an aid or a support for the production process.

(i) Which sector has emerged as the largest producing sector in India?

(ii) Life insurance is an activity of which sector?

(iii) What is GDP?

2.

The Independence Day Pledge, 26 January, 1930

'We believe that it is the inalienable right of the Indian people, as of any other people, to have freedom and to enjoy the fruits of their toil and have the necessities of life, so that they may have full opportunities of growth. We believe also that if any government deprives a people of these rights and oppresses them, the people have a further right to alter it or to abolish it. The British Government in India has not only deprived the Indian people of their freedom but has based itself on the exploitation of the masses, and has ruined India economically, politically, culturally, and spiritually. We believe, therefore, that India must sever the British connection and attain Purna Swaraj or Complete Independence'.

(i)What was considered as an inalienable right?

(ii)Why did Indians ask for Purna Swaraj?

(iii)Examine the views of Indians towards the British Government in reference to this passage.

3.

Lifelines of National Economy

For a long time, trade and transport were restricted to a limited space. With the development in science and technology, the area of influence of trade and transport expanded far and wide. Today, the world has been

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converted into a large village with the help of efficient and fast moving transport. Transport has been able to achieve this with the help of equally developed communication system. Therefore, transport, communication and trade are complementary to each other.

Today, India is well-linked with the rest of the world despite its vast size, diversity and linguistic and socio-cultural plurality. Railways, airways, waterways, newspapers, radio, television, cinema and internet, etc. have been contributing to its socio-economic progress in many ways. The trades from local to international levels have added to the vitality of its economy. It has enriched our life and added substantially to growing amenities and facilities for the comforts of life.

(i)How is science an important factor in the development of transport?

(ii)How has transport integrated socio-cultural plurality? Explain.

(iii)Analyse the significance of communication for a nation.

4.A House Loan

Megha has taken a loan of ₹5 lakhs from the bank to purchase a house. The annual interest rate on the loan is 12 per cent and the loan is to be repaid in 10 years in monthly instalments. Megha had to submit to the bank, documents showing her employment records and salary before the bank agreed to give her the loan. The bank retained as collateral the papers of the new house, which will be returned to Megha only when she repays the entire loan with interest.

(i)From which source of credit Megha has taken loan?

(ii)Explain the terms of credit given in the source.

5.

Tourism

Tourism in India has grown substantially over the last three decades. More than 15 million people are directly engaged in the tourism industry. Tourism also promotes national integration, provides support to local handicrafts and cultural pursuits. It also helps in the development of international understanding about our culture and heritage. Foreign tourists visit India for heritage tourism, eco tourism, adventure tourism, cultural tourism, medical tourism and business tourism.

There is a vast potential for development of tourism in all parts of the country. Efforts are being made to promote different types of tourism for this upcoming industry.

(i)Explain the importance of tourism.

(ii)Give an example of Heritage tourism.

(iii)Assess the benefits of improving tourism in India.

(Map based questions)

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1.

i.On the given outline Political Map of India, identify the place marked as 'A' with the help of following information and write its correct name on the line marked near it :

The place where Indian National Congress Session was held in September, 1920.

ii.On the same given Map of India, locate and label the following :
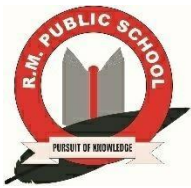
Ramagundam Thermal Plant

2.

I On the given political outline map of India), identify the place marked as A with the help of the following information and write its correct name on the line marked near it.

The place where Non-Cooperation Movement was called off due to violence.

ii.On the same given map of India, locate and label the following:

Naraura Nuclear Power Plant

1.

i.On the given outline Political Map of India, identify the place marked as 'A' with the help of following information and write its correct name on the line marked near it :

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R.M PUBLIC SCHOOL

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SESSION–2023-24
QUESTION BANK
Class: - 10th

SUBJECT: IT

1. Solve option under Tools menu amounts to a more elaborate form of_____. The difference is that the Solverdeals with equations with multiple_____.
(a) goal seek, unknown variables   (b) subtotal, goal seek
(c) Unknown variables, goals seek   (d) variables, equation

2. Do not use the elevator in times of fire in the building. Always use_____for such emergencies.
(a) Staircase   (b) washroom
(c) Office space   (d) None of these

3. In the Load Style dialog box, option loads the paragraph and the character styles from the selected documentInto the current document.
(a) Overwrite   (b) Text
(c) Page   (d) Paragraph

4. Which of the following is not a web browser?
 (a) Safari   (b) Internet Explorer
 (c)Google   (d) Firefox

5. Spell check, perform calculations, library of mathematical functions, replication.
(b) Rotate images, copy and paste, fill scale.
(c) Store a large amount of data in a structured format, easy update, sort query, production of reports.
(d) None of the above

5. Template includes_____text that is surrounded by brackets.
(a) Data source   (b) track changes
(c) Margin   (d) placeholder

6. Which of the following is an attribute whose value is derived from the primary key of some other table?

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(a) Alternate key   (b) Primary key
(c) Foreign key   (d) none of these

7. Which tab is used to share the worksheet data?
(a) Review   (b) Insert
(c) Layout   (d) Home

8. The status of your document like current page number and number of pages are given by_____.
(a) Standard toolbar   (b) Formatting toolbar
(c) Status bar   (d) none of these

9. Editing Custom Shapes feature allows_____of small segments of a drawing.
(a) Rehearse   (b) shaping
(c) Reshaping   (d) None of these

10. A tuple in RDBMS is referred to_____of a table.
(a) Key   (b) record
(c) Field   (d) table

11. _____function takes data from a series of worksheets or workbooks and summaries it into a single worksheetthat you can update easily.
(a) Data Format   (b) Data Chart
(c) Summation   (d) Data Consolidation

12. _____is used to transfer files betweencomputers on a network.
(a) FTP   (b) Multimedia
(c) Web browser   (d) Web server

13. Key field is a unique identifier for each record. It is defined in the form of
(a) Query   (b) rows
(c) Columns   (d) tree

14. To join the Internet, the computer has to be connected to a
(a) Internet society   (b) Internet Service Provider
(c) Internet Architecture Board   (d) None of these

15. A relational database is a collection of
(a) Records   (b) fields
(c) Attributes   (d) tables

16. By dragging any_____handleyou can increase or decrease the_____of the image diagonally.
(a) Top, depth   (b) corner, quality
(c) Comer, size   (d) side, quality

17. Wireless broadband can be
(a) Fixed (b) mobile
(c) Both (a) and (b) (d) None of these

18. _____ensure that all the documents have a standard layout, look and feel.
(a) Properties(b) Templates
(c) Layout(d) Graphics

19. If you have unsafe and unhealthy workplace, there will be higher days lost and will have higher
(a) Productivity (b) stress levels
(c) Employee satisfaction (d) none of these

20. _____determines the range of field values.
(a) Description (b) Field Name
(c) Data Type (d) Field Size

21. Which of the following is an AutoShape?
(a) Circle
(b) Curve
(c) Line
(d) All of these

22. Rajat has received a spreadsheet, which is reviewed by his subordinates Puneet, Kavya and Arran, who madesome corrections in it. Before Rajat shared the spreadsheet with his subordinates, he has activated the trackchanges feature. Which of the following option he should use now to keep some of the changes made by them?
(a) Overwrite and keep changes
(b) Accept and reject changes
(c) Both (a) and (b)
(d) None of these

23. Which type of hazard can cause skin irritation, illness or breathing problems?
(a) Slipping hazard(b) Chemical hazard
(c) Biological hazard(d) None of these

24. Computer based record keeping system is known as
(a) DBMS(b) Data Manipulation System
(c) Computerised Data System(d) Computerised Record Keeping System

25. Explain the role of template in word processor?
26. What is the difference between a workbook and a worksheet?
27. When is Memo data type preferred over Text data type for a field?
28. Write down the significance of electronic spreadsheets.
29. Write the steps to create a form using split form command.
30. Define router as network device.

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31. Your friend's father owns a restaurant. He manually enters the customers records in a register. You want to explainto him the importance of creating a database in computer. Tell the advantages of using computerized database withthe help of the following points:

(a) Confidentiality   (b) Sharing

(c) Data redundancy   (d) Data inconsistency

32. Lavish is preparing notes for his upcoming exams. Help him to write the correct answer of the following:

(i) Scenario   (ii) Absolute link

(iii) Relative link   (iv) Macro

33. Shaurya had already created a paragraph style. Now, he wants to delete it. What are the steps required to delete thecreated style?

34. What is sorting? How to use ascending or descending sort which depends on one column?

35 State any two purposes of using Templates in a word document.

36 Mention any two operations that can be performed using Macros in a spreadsheet.

37 What do you mean by Hyperlinks in Spreadsheets? Give the two different types ofHyperlinks that can be used in Spreadsheets.

38 List Numeric and AlphanumericDatatypes in OpenOffice Base/ Libre office base.

39 Differentiate between Filter keys and Toggle keys in Microsoft Windows.

40 In which situations Online shopping could be useful? Write any two popular ecommerce websites.

41. Your friend owns a chemist shop, he needs to keep records of the medicines with their id's, date of purchase, expiry date, price, etc. in a database program. But he does not have any knowledge about the database. Explain to him the following to get a betterunderstanding of the DBMS concepts.

1. What is DBMS? Explain in brief.

2. Name any two database programs which can be used to create a table and storethe data as per the requirement.

3. Which field can be set as a Primary Key?

4. Is it possible to make more than one field as a primary key in your table?(Yes/No). Justify your answer.

42. Vicky is a student of class X. He used to get the work based on internet surfing, Buthe is not aware of the internet and its terminology. Being a friend of Vicky, help himin finding the answers of the following questions.

a. What do you mean by Internet Service Provider?

b. Expand the following terms:

          i. WAP   ii. W3

c. Mention any two advantages of Networking.

d. What is a Blog? Name any two Online Blogs.

43. Tanmay is a Class X student. He has learnt Mail Merge option of a Word Processor in his computer period. But he is confused with few terms used to merge documents. Explain the following briefly, which will help Tanmay better understand the Mail Merge options.

1. Merge Field

2. Data Source

3. Main Document

4. Mention two types of data on which mail merge can be applied.

44.Anshita is preparing spreadsheet notes for her Term Exam. Help her to write short note on the following:

i. Scenarios

ii. Goal Seek

iii. Solver

iv. Subtotal

45.What do you understand by the term Table of Contents? List the characteristics of a good
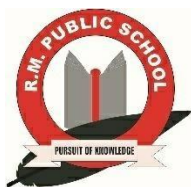
'Table of content' in a word processor.

46.Explain the term 'Scenarios' in relation to the Spreadsheets with example.

47.Explain different kinds of online threats.

48.Explain the term "Referential Integrity". Why is it important in a database?

49.How is Goal Seek different from Solver in a Spreadsheet?

50.Differentiate between a Primary key and Foreign key.

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(CBSE AFFILIATION NO.730072)

SESSION–2023-24
QUESTION BANK
Class: - 10th

SUBJECT: CA

1) Create static web pages.
2) Use style sheets to enforce a format in an HTML page (CSS).
3) Embed pictures, audio and videos in an HTML page.
4) Add tables and frames in an HTML page.
5) Decorate web pages using graphical elements.
6) Create a website using several webpages. Students may use any open source or proprietary tool.
7) Work with HTML forms: text box, radio buttons, checkbox, password, list, combo box.
8) Write a blog using HTML pages discussing viruses, malware, spam and antiviruses
9) Create a web page discussing plagiarism. List some reported cases of plagiarism and the consequent punishment meted out. Explain the nature of the punishment in different countries as per their IP laws.
10) What is HTML and what does it stand for? Explain its role in web development.
11) Differentiate between HTML and HTML5. Highlight the key features that distinguish HTML5 from its predecessor.
12) Explain the basic structure of an HTML document. Include the essential tags required for a well-formed HTML page.
13) Describe the purpose and usage of the following HTML tags: <head>, <body>, <p>, <h1> to <h6>.
14) What is the significance of attributes in HTML tags? Provide examples of common attributes and explain their usage.
15) Create a sample HTML code for a simple webpage that includes an ordered list (<ol>), an unordered list (<ul>), and a definition list (<dl>).
16) Discuss the importance of hyperlinks in web development. Provide examples of both absolute and relative URLs.
17) Explain the concept of forms in HTML. Create a basic form that includes input fields for text, radio buttons, checkboxes, and a submit button.

18) What is the purpose of the <iframe> tag in HTML? Provide an example of how it can be used to embed content from another website.

19) Describe the role of HTML in creating responsive web design. How can media queries be employed to enhance the responsiveness of a webpage?

20) Define computer networking and explain its importance in the modern world.

21) Differentiate between LAN (Local Area Network) and WAN (Wide Area Network). Provide examples of each.

22) Explain the concept of IP addressing. What is the difference between IPv4 and IPv6?

23) Describe the purpose of a router in a computer network. How does it differ from a switch?

24) Discuss the role of protocols in networking. Provide examples of commonly used protocols and their functions.

25) Explain the terms "upload" and "download" in the context of network data transfer. How are these processes different?

26) What is the significance of firewalls in network security? How do they help protect against unauthorized access?

27) Describe the purpose of DNS (Domain Name System) in networking. How does it translate domain names into IP addresses?

28) Explain the concept of wireless networking. What are the advantages and disadvantages of using Wi-Fi technology?

29) Discuss the importance of network security. What measures can be taken to secure a computer network from potential threats and attacks?

30) Define cyber ethics and explain its significance in the digital age.

31) Discuss the concept of digital citizenship. What responsibilities do individuals have in the online world?

32) Explain the importance of respecting intellectual property rights in the digital environment. Provide examples of actions that violate or uphold these rights.

33) Describe the potential risks and consequences of cyberbullying. How can individuals contribute to a positive online environment?

34) Discuss the ethical considerations surrounding online privacy. What steps can individuals take to protect their personal information online?

35) Examine the impact of online misinformation and fake news on society. How can individuals critically evaluate information on the internet?

36) Explain the ethical implications of hacking and unauthorized access to computer systems. What legal and ethical boundaries should individuals adhere to in the digital realm?

37) Discuss the role of social media in shaping public opinion and behavior. How can users engage ethically on social media platforms?

38) Explore the concept of digital footprint. What does it mean, and how can individuals manage and control their digital footprint responsibly?

39) Examine the ethical considerations associated with emerging technologies such as artificial intelligence and biometrics. How should society approach the ethical use of these technologies?

40) HTML:

41) Create a basic HTML webpage that includes a title, heading, paragraph, and an image. Explain the purpose of each HTML tag used.

42) Design a form in HTML that collects user information such as name, email, and a multiple-choice question. Include appropriate input types and labels.

43) Implement an HTML table that displays information about a group of students, including their names, grades, and contact details.

44) Explore the use of semantic HTML tags. Create a section of your webpage using tags like <article>, <section>, and <aside>. Explain their roles.

45) Develop a simple HTML page that includes a navigation menu with at least three links. Demonstrate how to link to external websites and internal sections within the same page.

46) Networking:

47) Explain the process of IP addressing. Create a small network with at least two devices and assign IP addresses to each.

48) Design a network topology diagram for a small office that includes computers, a router, and a server. Label the components and indicate the connections.

49) Discuss the differences between TCP and UDP protocols. Create a scenario where one protocol might be preferred over the other and explain the reasons.

50) Set up a basic home network configuration, including a wireless router and multiple devices. Secure the network with a password and describe the security measures taken.

Regards

Vice Principal