

KRISHNAGAR ACADEMY

Session: 2021-22

Pre Annual Examination

Class VIII

Sub: English Paper I

F.M: 60

Answer the following questions:

Question 1

Write a composition on any one of the following topics: 20

- a) Describe a visit to a museum with your classmates and teachers.
- b) Describe a day at home when everything went wrong. Explain what happened to you and how the day ended.
- c) You met a friend recently, with whom you did not have contact for almost ten years. Narrate your experience and feelings.
- d) Narrate an incident when you and your friends were caught in a cyclonic storm.

Question 2

Select one of the following. 10

- a) Write a letter to the principal of your school requesting him to start special hobby classes during the summer vacation.
- b) Write a letter to your cousin congratulating her/him on being selected in the final round of inter-school competition and wishing her good luck for the competitions.

Question 3

Rewrite the sentences according to the instructions given after each without changing the meaning. 10

- 1) Only a Prince can afford such a luxury. (into negative)
- 2) He will not find the journey comfortable. (into affirmative)
- 3) We could not succeed without hard-work. (into interrogative)

- 4) It was a horrible moment. (into exclamatory)
- 5) He is too strong to be defeated. (use so...that...)
- 6) He speaks so softly that he cannot be heard.
- 7) Ashok is taller than Ravi. (into positive)
- 8) Ashoka was one of the greatest kings. (into comparative)
- 9) Someone has picked my pocket. (into passive)
- 10) One should keep one's promises. (into passive)

Question 4

Read the following passage and answer the following questions. 20

It is important to keep a level head at all times. However, there are two occasions when keeping a level head is absolutely necessary – when we achieve a big success and when we make a bad failure. An exceptional success usually inflates our ego and makes us boastful; a miserable failure fills us with dejection and makes life meaningless.

Both these experiences are common in student life. A brilliant performance in one examination turns one's head while a dismal result in another makes one feel as if this were the end of the world. Both these reactions are equally flawed. Superiority complex is as deplorable as inferiority complex.

To be successful in life, one should be in total control of oneself, one should remain unmoved by the ups and downs of life. For, he who gets broken by a stroke of bad luck is equally likely to get broken by a run of good luck too. No progress is possible in either case.

How can one keep a level head? If our value system is correct, we will not get easily swayed in life. If a businessman gives greater importance to health, character, a happy family and friendship than to money, he will not lose his head if he suddenly turns rich or if there is a slump in business and his income suddenly goes down. Similarly, if a student's focus is on acquiring knowledge, or on personality development, one performance, whether exceptionally good or bad, will not destroy his or her balance.

We should also remember that nothing is permanent in this world. Neither good fortune will keep smiling at us nor bad luck keep hounding us all the time. Both prosperity and adversity are bound to pass, to be swallowed by a shadowy past. Why then rejoice in one and grieve at the other?

A. Answer the following questions:

3+3+2+2+3

- 1) On what two occasions is it most important to maintain one's balance?
- 2) What are the usual consequences of an exceptionally good performance or a very bad result?
- 3) How can a businessman succeed in keeping a level head?
- 4) What should be a student's attitude towards her/his studies?
- 5) What great reality of life can help us to remain cool in all situations?

B. Complete the following sentences.

1+1

- 1) Superiority complex is an undesirable _____
- 2) Success in life depends upon _____

C. Find words from the passage which mean the following:

1x5

- 1) poor, hopeless
- 2) a sudden fall in sales, prices
- 3) wrong, containing mistakes
- 4) to obtain
- 5) to make something larger

Krishnagar Academy
Pre annual examination
Class VIII
Subject-English II

F.M.-60

A) Answer the following questions 3x10=30

1. In what way did Roger add to all the confusion?
2. How did the narrator rescue the scorpions after they escaped from the matchbox?
3. How did the horse communicate to the poet?
4. What happens to the narrator's feelings in the last stanza of the poem Stopping by Woods on a Snowy Evening?
5. What are the strengths of an earthworm?
6. What one quality of the earthworm is unique?
7. What did the narrator and his friend eat at the restaurant?
8. What was the narrator's condition after the luncheon?
9. How did the lady meet the narrator earlier in the story The Luncheon?
10. After the bill came what happened to the narrator? How did the narrator manage the situation?

B) State True or False 1x5=5

1. Foyot's is a restaurant where Iranian people eat.
2. Roger picked up the matchbox that he had brought.
3. Leslie sat peacefully when the creature sped towards him.
4. The poet makes a halt near the farmhouse in the poem
5. The poet observes that the wind is making a lot of sound.

C) Fill in the blanks

1x5=5

1. Mother kept imploring ,_____ my glasses.

2. _____ mystified by the panic, but determined to do his share, ran round and round the room, barking hysterically.

3. " _____ to go before I sleep".

4. Birds prey on me, _____ are fond of my flesh.

5. My heart _____. I had seen them in the shops and I knew they were horribly expensive.

D) Give one word for the following

1x5=5

1. A politician, particularly a member of the US Senate-

2. One who writes or tells funny tales-

3. Magnificent and splendid in appearance-

4. Having many curves and turns-

5. Small pieces of decorative paper-

E) Explain with reference to the context

1) She was agitated and a trifle annoyed...

(1+2+1+1=5)

i) Who is she in the quoted line?

ii) Why was she agitated and a trifle annoyed?

iii) Who uttered a roar of fright?

iv) Who landed between Margo and Leslie?

2) He will not see me stopping here....

(2+2+1=5)

i) Who is he and me in the quoted line?

ii) Name the poem and the poet of this quoted line.

iii) Where has the poet stopped?

3) "So she ate the caviar and then salmon" (1+1+3=5)

i) Who is she?

ii) What was she talking about?

iii) What did 'she' say to the narrator with his mutton chop?

Krishnagar Academy

Pre-Annual Examinations-2021

Class: VIII

Subject: 2nd language Bengali

FM: 60

বিভাগ --ক

১) নিম্নলিখিত বিষয়গুলোর মধ্যে থেকে একটি বিষয় বেছে নিয়ে একটি রচনা লেখ-- (কমবেশি ২৫০টি শব্দের মধ্যে) (১০)

(ক) সৌজন্য ও শিষ্টাচার

(খ) সংবাদপত্রের গুরুত্ব ও দায়িত্ব

২) বই পড়ার ভালো-মন্দ দিক নিয়ে ভাইকে একটি পত্র লেখ- (কমবেশি ১২০ টি শব্দের মধ্যে)। (৭)

৩) নিম্নলিখিত বিষয়টি পড়ো এবং প্রশ্নগুলোর উত্তর দাও:--

১৯৩৯ এর ২৯ শে এপ্রিল সুভাষচন্দ্র পদত্যাগ করলেন এবং সঙ্গে সঙ্গে বামপন্থী দলগুলোকে একত্র করার উদ্দেশ্যে কংগ্রেস এর ভেতরে চরমপন্থী ও প্রগতিশীল একটি দল গঠন করলেন। নাম দিলেন 'ফরওয়ার্ড ব্লক'। দলের প্রথম সভাপতি হলেন সুভাষচন্দ্র, সহ-সভাপতি পাজাবের সর্দার শার্দুল সিং কবিশের। ফরওয়ার্ড ব্লক তৈরি হলো লড়াই করার জন্য। গান্ধীজীর অহিংসা নীতির দার্শনিকতা বা নেহেরুর বৈদেশিক নীতির ভাবপ্রবণতা এখানে ঠাই পাবে না। ১৯৩৯ এর সেপ্টেম্বরে দ্বিতীয় বিশ্বযুদ্ধ আরম্ভ হয়। কংগ্রেস এই সময় যুদ্ধের কারণে ব্রিটেনের দিকে সাহায্যের হাত বাড়িয়ে দেয়। ১৯৪০এর ২০শে মে নেহেরু বক্তব্য রাখেন- ব্রিটেন যখন জীবনমরণ সংগ্রামে রত সেই সময়ে আইন অমান্য আন্দোলন শুরু করা ভারতের পক্ষে মর্যাদা হানিকর হবে। অন্যদিকে সুভাষের কাছে এটাই ছিল উপযুক্ত সময় প্রতিপক্ষকে আঘাত করার। ব্রিটিশ সাম্রাজ্যের পরাজয় ও ধ্বংস এবং ভারতের পূর্ণ স্বাধীনতা একযোগে চেয়েছে ফরওয়ার্ড ব্লক। এই প্রচারে সুভাষচন্দ্র ১০ মাসে প্রায় এক হাজার সভায় বক্তৃতা করেছেন। ১৯৪০ এপ্রিল মাসে ভারতের স্বাধীনতার প্রশ্নে ফরওয়ার্ড ব্লক সন্তোষজনক আইন অমান্য আন্দোলন করে। নেহেরুর মত গান্ধীও ব্রিটেন সাম্রাজ্যবাদের পক্ষেই গান গাইলেন--ব্রিটেনের ধ্বংসের মধ্যে দিয়ে আমরা আমাদের স্বাধীনতা চাই না। উহা অহিংসার পথ নয়।

(ক) সুভাষচন্দ্র কবে পদত্যাগ করলেন এবং তাঁর গঠিত দলটির নাম কি? (২)

(খ) দলটি স্থাপনের মূল উদ্দেশ্য কি ছিল? (২)

(গ) দলের প্রথম সভাপতি ও সহ-সভাপতি কে ছিলেন? (২)

(ঘ) দ্বিতীয় বিশ্বযুদ্ধ কবে আরম্ভ হয় এবং কারা এই সময় ব্রিটেনের দিকে সাহায্যের হাত বাড়িয়ে দেয়? (২)

৪) নিম্নলিখিত নির্দেশ অনুযায়ী বাক্য পরিবর্তন করো :-- (৫)

(ক) ফুটন্ত জলে হাত দিও না। (জটিল বাক্য)

(খ) মন দিয়ে পড়ো, তবে পাশ করবে। (সরল বাক্য)

(গ) সন্ধ্যার সময় পাখিরা বাসায় ফেরে। (যৌগিক বাক্য)

(ঘ) তিনি বিদ্বান কিন্তু অহংকারী। (জটিল বাক্য)

(ঙ) যে রক্ষক সেই ভক্ষক। (সরল বাক্য)

বিভাগ --খ

নিম্নলিখিত যে কোন তিনটি প্রশ্নের উত্তর দাও :---

১) "এইরকম গম্ভীর শব্দ" --

ক) উদ্ধৃত অংশটি কার লেখা কোন গদ্যাংশ থেকে গৃহীত?

খ) গম্ভীর শব্দটি কি এবং কে করেছে?

গ) এই শব্দ হবার ফলে রাজসভায় কি ঘটনা ঘটে?

ঘ) সভার লোকেরা কখন স্বস্তির নিঃশ্বাস ফেলল?

(২+২+৩+৩)=১০

২) "সুতরাং উল্কাপাত নক্ষত্রের পতন নহে" --

ক) উদ্ধৃত অংশটি কার লেখা এবং এটি কি ধরনের রচনা ?

খ) লেখকের দুটি গ্রন্থের নাম লেখ ।

গ) উল্কা ও নক্ষত্র কাকে বলে ?

ঘ) কেন উল্কাপাত নক্ষত্রের পতন নয় ?

$$(২+২+৩+৩)=১০$$

৩) " দাঁড়ায় তাহার কাছে প্রাচীন ব্রাহ্মণ "---

ক) কার লেখা কোন কবিতার অংশ ?

খ) কবির আরও দুটো কাব্যগ্রন্থের নাম লেখ ?

গ) প্রাচীন ব্রাহ্মণটি কে ? তারা কোথায় দাঁড়িয়ে আছে ?

ঘ) ব্রাহ্মণটিকে কার সঙ্গে তুলনা করা হয়েছে ? যার সঙ্গে তুলনা করা হয়েছে তার পরিচয় দাও।

$$(২+২+৩+৩)=১০$$

৪) "আজি দুর্দিনে ফিরানু তাদের ব্যর্থ নমস্কারে '---

ক) কার লেখা কোন কবিতা থেকে গৃহীত ?

খ) কোন ঘটনার পরিপ্রেক্ষিতে এই কবিতাটি লেখা হয়েছে ?

গ) কাদের এবং কেন ব্যর্থ নমস্কারে ফিরতে হবে ?

ঘ) কবি যে দুর্দিন দেখেছিলেন তা নিজের ভাষায় বুঝিয়ে লেখ ?

$$(২+২+৩+৩)=১০$$

Krishnagar Academy

Pre-Annual Examinations-2021

Class: VIII

Subject: 2nd language Hindi

FM: 60

Q1. नीचे लिखे विषयों में से किसी एक विषय पर 250 शब्दों में एक निबंध लिखो:- (10)

1. सैनिक की आत्मकथा
2. मानवता
3. बाढ़ का दृश्य
4. वर्षा का एक दिन

Q2. नीचे लिखे विषयों में से किसी एक विषय पर 120 शब्दों में पत्र लिखो :- (7)

1. अस्पताल में फैली अव्यवस्था पर अस्पताल प्रबंधक को एक पत्र लिखिए।

2. आप पिकनिक मनाने गए और अचानक वर्षा होने लगी। उस अनुभूति का वर्णन करते हुए मित्र को एक पत्र लिखो।

Q3. नीचे दिए गए गद्यांश को पढ़कर पूछे गए प्रश्नों के उत्तर दीजिए।

एक मंदिर के आँगन में बहुत से भक्त एक बड़े साधु महात्मा का प्रवचन सुनने आए थे। महात्माके प्रवचन का आज अंतिम दिन था। एक महीने तक यहां रह कर वे अब किसी दूसरेगाँव में जा रहे थे। प्रवचन सुनने आए भक्तों में एक वृद्ध सज्जन भी आए थे। वे महात्मा, इन्हीं भक्तों में से किसी एक को मंदिर का पुजारी नियुक्त करनेवाले थे। अनेक भक्त धड़कते दिलों से प्रतीक्षा कर रहे थे कि किसका नाम लिया जाएगा।

साधु ने अपने प्रवचन में भक्ति और कर्तव्य तथा सत्य की बातों का महत्व बताया। प्रार्थना समाप्त होने के बाद उन्होंने नम्रता से कहा कि मैं अब उस व्यक्ति का नाम बताने जा रहा हूँ, जिसे अपना कर्तव्य और सेवा कार्य बहुत ही प्रिय है। मैं यहां एक महीने तक सभी लोगों का निरीक्षण करता रहा। वैसे आपके गाँव के सभी लोग मेहनती और कर्तव्य-प्रिय हैं इसलिए एक व्यक्ति का चुनाव मुश्किल है।

इस मंदिर के पुजारी के रूप में उसका नाम बताने से पूर्व मैं उस व्यक्ति के जीवन की एक घटना बताता हूँ। इस आदमी को मैंने धूप में चलते देखा था। तपती जमीन पर बिना जूतों के चलने से पैरों में छाले हो गए थे। इस आदमी को मैंने खेत में काम करते देखा था और इसके पैरों में जूते भी देखे थे बाद में मुझे मालूम हुआ कि उसने अपने जूते एक गरीब आदमी को दिए थे। वह गरीब आदमी रोज अपने बीमार बेटे को अस्पताल में देखने के लिए जाता था। धूल से भरे रास्ते पर चल-चलकर उसके पैरों में छाले पड़ गए थे। श्रोताओं में से एक आदमी उठा और उसने कहा, "वह अभाग में ही हूँ और मुझे जिसने जूते दिए थे, वह वृद्ध सज्जन आपके सामने बैठा हुआ है।" साधु महात्मा के चेहरे पर प्रसन्नता फैल गयी। उन्होंने कहा "तो चुनाव हो गया। जो मनुष्य अपने आप को कष्ट में डालकर दूसरे के दुख को दूर करने की चेष्टा करता है वही सच्चा भक्त है। ईश्वर को भी ऐसे ही लोग प्रिय हैं क्योंकि जन-सेवा ही ईश्वर-सेवा है। आज से वृद्ध प्रभु दास इस मंदिर का पुजारी होगा।"

मंदिर में बैठे लोगों ने जोरदार तालियों से साधु महात्मा की इस बात का स्वागत किया। वृद्ध प्रभुदास ने खड़े होकर सभी को प्रणाम किया और कहा, "मैं ईमानदारी से मंदिर के भगवान की पूजा करूंगा और लाचार लोगों की सेवा अपनी भक्ति के अनुसार करता रहूँगा।"

प्रश्न :-

- i. मंदिर के आँगन में कौन आए थे ? व क्यों ? (2)
- ii. साधु ने प्रवचन में क्या कहा ? उन्होंने किस कार्य को मुश्किल समझा ? (2)
- iii. पुजारी के रूप में किसका चुनाव हुआ व क्यों ? (2)
- iv. वृद्ध ने अपने जूते किसे दिए थे ? व क्यों ? (2)

Q4. निम्न प्रश्नों के उत्तर लिखिए

1. "पागल हो गई है क्या ?"

- i. उपरोक्त कथन में वक्ता व श्रोता का परिचय दीजिए, वे कहाँ गए हैं व क्यों ? (2)
- ii. वक्ता किसे पागल कह रहे हैं व क्यों ? (3)

2. "मैं स्वार्थी और निर्दयी नहीं हूँ " इस कथन के आधार पर बताइए कि आभा कैसे चरित्र की थी ? उदाहरण सहित लिखिए। (3)

3. मानवता को कौन शर्मसार करता है? व किस प्रकार? उत्तर की पुष्टि अपने तर्क के आधार पर दीजिए। (3)

4. "मैं भीख नहीं लेता सेठ जी..."

उपरोक्त कथन के वक्ता कौन है? इस कथन के आधार पर वक्ता के चरित्र की विशेषताओं को सविस्तार से लिखिए ? (3)

5. सूरदास जी किसके भक्त थे वे अपने आराध्य देवता को महान किस प्रकार बता रहे हैं ? (3)

6. बसंत ऋतु की किन

विशेषताओं के कारण इसे क्या नाम दिया गया है ? स्पष्ट करके लिखिए ? (2)

7. हरियाली को कवि स्वप्न की भाँति क्यों समझ रहे हैं ? (2)

8. झूठ कब सच लगने लगता है? तुलसीदास जी के मतानुसार लिखिए ? (2)

9. हरखू ने तत्परता से क्या-क्या किया ? (3)

10. काहे रे! बन खोजन जाई।

सर्व-निवासी सदा अलेपा, तोही संग समाई।।

i. इंसान किसकी खोज में इधर-उधर भटकता है व क्यों? (2)

ii. क्या सर्व-निवासी हैं? स्पष्ट रूप से समझाओ? (2)

Q5. निम्न प्रश्नों के निर्देशानुसार उत्तर दीजिए । (5×1=5)

i. निम्नलिखित शब्दों के एक-एक पर्यायवाची शब्द लिखो।

स्वर्ग , बिजली , बलिहारी

ii. [बिना सोचे समझे किसी भी बात पर विश्वास करने वाले] बाद में पछताते हैं। ([] में दिए गए शब्दों के स्थान पर एक शब्द का प्रयोग करो।)

iii. निम्न शब्दों में से एक-एक तत्सम और तद्भव शब्द छाँटो

आँख , कजली, फागुन, तप्त

iv. नीचे दिए हुए मुहावरों में से किसी एक के अर्थ लिखकर वाक्य बनाओ।

आँखों का तारा , आँख लगना

v. नीचे दिए शब्दों के विलोम शब्द लिखो - (कोई दो)

असंतोष, कर्मठ , निषेध

Krishnagar Academy

Pre-Annual Examinations-2021

Class: VIII

Subject: 3rd Language Bengali

FM: 60

১. নীচের প্রশ্নগুলির উত্তর দাও।

১.১ " ভদ্রলোক অবাক "

ক) কোন্ ভদ্রলোক? থ) সে কী কারণে অবাক হয়েছিল?

গ) যার গাড়িতে তিনি বসেছিলেন তার নাম কী? ঘ) তাকে আমরা কী নামে চিনি? ঙ) তিনি কবে কোথায় জন্ম গ্রহণ করেন? $২+২+২+২+২=১০$

১.২ " দেশবাসীর কাছে তিনি এখনও অমর "

ক) তিনি কে? থ) তিনি অমর কেন? গ) তাঁর শিষ্যের নাম কী? ঘ) রবীন্দ্রনাথঠাকুরের লেখা তাকে নিয়ে দুটি কবিতার লাইন লেখো। ঙ) তাঁর মৃত্যু সালটি লেখো।

$২+২+২+২+২=১০$

১.৩ " ওর পড়াশোনা হবে না "

ক) কার কথা বলা হয়েছে? থ) তার পড়াশোনা হবে না কেন? গ) একথা কারা বলেছিল? ঘ) যার কথা বলা হয়েছে তিনি কবে, কোথায় জন্ম গ্রহণ করেন? ঙ) তার পিতামাতার নাম লেখো। $২+২+২+২+২=১০$

১.৪ "লিখলেন অজস্র শিখল ভাঙার গান "

ক) কেলিখলেন? থ) তিনি কোথায় বসে শিখল ভাঙার গান লিখলেন? গ) তাঁর লেখা চারটি কাব্যগ্রন্থের নাম লেখো। ঘ) তিনি কবে ইহলোক ত্যাগ করেন? $২+২+৪+২=১০$

২. ভারতের স্বাধীনতা আন্দোলনে চিত্তরঞ্জন দাশের অবদান লেখো। ৫

৩. "দারিদ্র্যতা সাহিত্য রচনার ক্ষেত্রে নজরুল ইসলামের প্রতিকূলে যায় নি বরং অনুকূলে গিয়েছিল।" লাইনটির সপক্ষে যুক্তি দাও। ৫

৪. যেকোনো একটি বিষয়ে প্রবন্ধ রচনা কর। ১০

ক) দীঘা ভ্রমণ থ) তোমার শহর।

Krishnagar Academy

Pre-Annual Examinations-2021

Class: VIII

Subject: 3rd Language Hindi

FM: 60

प्रश्न-1 "एक किरण आई छाई" कविता की पहली की दस (10) लाइनें लिखिए।(10)

प्रश्न-2 किसी भी एक विषय पर (150) शब्दों में निबंध लिखिए।(10)

(क) मेरा प्रिय खेल क्रिकेट

(ख) भारतवर्ष का ताज "ताजमहल"

(ग) आज़ाद हिन्द फौज

प्रश्न-3 किसी एक विषय पर पत्र लिखिए।(6)

(क) विद्यालय के प्रधानाचार्य को अपने बीमारी के कारण दो दिन का अवकाश देने के लिए प्रार्थना पत्र लिखो।

(ख) दीपावली पर अपने मित्र को शुभकामनाएं का संदेश देने के लिए एक पत्र लिखिए।

प्रश्न-4 निम्नलिखित प्रश्नों के उत्तर दो।(4×2)8

(क) कवि हमसे किरण बनने के लिए क्यों कह रहा है?

(ख) गुरु द्रोण की आंखों में आसूँ क्यों आ गए?

(ग) किरण के आते ही भौंरे क्यों गुंजार करने लगते हैं?

(घ) कुएं से गेंद किस प्रकार निकाली गई?

प्रश्न-5 निम्नलिखित कथन किसने -किससे कहा।(4×2)8

(क)"क्रोध मत करो"।

(ख)"अब पाठ याद हो गया"।

(ग) "मैं अपने क्रोध पर काबू पाने में सफल हो गया"।

(घ)" मेरा आशीर्वाद सदा तेरे साथ है"।

(B) वाक्यों में प्रयोग कीजिए।(5×2) 10

(क) आशीर्वाद

(ख) गुरु

(ग) सत्य

(घ) राजकुमार

(ड.) आश्चर्य

(C) दिए गए शब्दों के दो-दो पर्यायवाची शब्द लिखिए।(4×2)8

(क) पवन

(ख) फूल

(ग) दुनिया

(घ) धरा



KRISHNAGAR ACADEMY

SUBJECT : MATHEMATICS

CLASS : VIII

FULL MARKS : 60

Answer all the questions from section A and any four questions from section B.

Section – A (20 Marks)

1. a) A sum of ₹25000 invested at 8% p.a compounded half-yearly amounts to ₹28121.60 . Compute the time of investment. (3)

b) Simplify : $(4pq - qr)(2p + 3r + 3q) - (3pq + r)(5p - qr)$. (3)

c) If $x^2 + \frac{1}{x^2} = 7$, find the values of : (4)

i) $x + \frac{1}{x}$. ii) $2x^2 - \frac{2}{x^2}$.

2. a) A dealer marks his goods 35% above the cost price and allows a discount of 16% . Find his profit percentage . (3)

b) Divide : $12x^3 - 17x^2 + 26x - 18$ by $3x^2 - 2x + 5$. (3)

c) Amit goes to a shop to buy a washing machine . The marked price of the washing machine is ₹10900 excluding 9% G.S.T . Amit bargains with shopkeeper and convince him for ₹10900 including G.S.T as the final cost of the washing machine . Find the amount reduced by the shopkeeper . (4)

Section – B (40 Marks)

3. a) Some candies are bought at the rate of 11 for ₹10 and the some number of candies at the rate of 9 for ₹10 . If the whole lot is sold at one rupee per candy , find the gain or loss percent in the whole transaction. (4)
- b) Find the smallest number by which 8788 should be divided so that quotient is a perfect cube . Also find the cube root of the quotient. (3)
- c) A certain sum of money amounts to ₹5292 in 2 years and to ₹5556.60 in 3 years at compound interest . Find the rate and the sum. (3)
4. a) Simplify the following: $(4x + 3y)^2 - (4x - 3y)^2 - 48xy$. (3)
- b) Multiply : $(3pq - 4p^2 + 5q^2 + 7)$ by $-7pq^2$. (2)
- c) Subtract: $16x(x - y + z) - 13y(x - y + z)$ from $12z(x + y - z)$. (2)
- d) Simplify : $(p + q)(r + 5) + (p - q)(r - 5) - 2(pr + q5)$. (3)
5. a) Divide : $16x^3 - 11x^2 + 17x + 15$ by $2x + 3$ and verify the answer . (4)

b) Find the difference between the simple interest and the compound interest on ₹2500 for 2 years at 41% p.a. Compound interest being reckoned half-yearly. (3)

c) If $x + \frac{1}{x} = 5$, evaluate i) $x^2 + \frac{1}{x^2}$ and ii) $x^4 + \frac{1}{x^4}$. (3)

6. a) Find the side of the cube whose volume is $110,592m^3$. (3)

b) Two dealers have marked an article at the same price. The first dealer allows two successive discounts of 15% and 5%, the other allows a discount of 20%. Which is better offer? (3)

c) Janki sold her leather purse at 8% loss. If she had sold it for ₹150 more, she would have made 12% profit. Find the selling price of the purse. (4)

7. a) If $a^2 + b^2 = 34$ and $ab = 10\frac{1}{2}$, find the value of $(a + b)^2 + (a - b)^2$. (3)

b) A vendor buys bananas at 3 for a rupee and sells at 4 for a rupee. Find his profit or loss percentage (3)

c) A certain sum of money is invested at rate 5% per annum compound interest, the interest compounded annually. If the difference between the interests of third year and first year is ₹102.50. Find the sum. (4)

SEC -A

1×10=10

1. Short Answer Question :

- (a) Define the term energy.
- (b) State the S.I. unit of energy.
- (c) 1 H P is equal to _____ watt
- (d) Power $P = \frac{\text{work}}{\text{time}}$
- (e) Write the expression for work done by a force.
- (f) What is potential energy? State its unit.
- (g) What are the two kinds of mechanical energy?
- (h) When a boy doubles his speed, his kinetic energy becomes _____.
- (i) State one conditions when no work is done by a force.
- (j) Kineti energy = $\frac{1}{2} \times \text{mass} \times \text{velocity}^2$

SEC-B

3×10=30

Long Answer Questions :

2. A coolie is moving on a road with a luggage on his head. Does he perform work against the force of gravity? Give reason your answer.
3. Find the gravitational potential energy of 2.5kg mass kept at a height of 15m above the ground. The force of gravity on mass 1kg is 10N.
4. Two bodies A and B of masses 20kg and 40kg respectively are at the same height above the ground. Show by calculation, which of the two has greater potential energy?
5. Two toy-cars A and B of masses 200gm and 600gm respectively are moving with the same speed. Show by calculation, which of the two has greater kinetic energy?
6. A pump raises water by spending $4 \times 10^5 \text{J}$ of energy in 10s. Find the power of pump.
7. Two bodies of equal masses are moving with uniform velocities V and 2V. Find the ratio of their kinetic energies.
8. A ball of mass 0.5kg slows down from a speed of 5m/s to that of 3m/s. Calculate the change in kinetic energy of the ball.
9. A boy of mass m climbs up the stairs of vertical height h
 - (a) What is the work done by the boy against the force of gravity?
 - (b) What would have been the work done if he uses a lift in climbing the same vertical height?
10. A satellite revolves around the earth in a circular orbit. What is the work done by the satellite? Give reason.
11. Name the type of energy (kinetic or potential) possessed by the following
 - (a) a moving cricket ball.
 - (b) a compressed spring.
 - (c) a stretched rubber band.

SEC-C

4×5=20

Long Answer Questions :

12. (a) It takes 20s for a girl A to climb up the stairs while girl B takes 15s for the same job compare - (i) the work done and (ii) the power spent by them. 3
- (b) Two bodies of same masses are placed at hight h and 2h. compare their gravitational potential energy. 2

13. (a) State the energy changes in the following while in use : 5
- (i) An electric bulb (ii) An electric oven
 - (iii) A loud speaker (iv) A microphone
 - (v) An electric motor
14. (a) A body of mass 5kg is taken from a height of 3m to 6m. Find the increase in the potential energy of the body take, $g = 10\text{N/kg}$. 4
- (b) $1\text{kWh} = \underline{\hspace{2cm}} \text{J}$ 1
15. (a) A box of weight 150kgf has the gravitational potential energy stored in it equal to 14700J. Find the height of the box above the ground. (Take $g = 9.8\text{N kg}^{-1}$) 3
- (b) Give reasons for the following 2
- (i) No work is done if a man is pushing against a wall.
 - (ii) Hammer drives a nail into the wood only when it is lifted up and then struck.

Krishnagar Academy

Pre-Annual Examinations-2021

Class: VIII

Subject: Chemistry

FM: 60

1. Write balanced equations for the following word equations: (2×10)= 20

- Nitrogen + Hydrogen → Ammonia
- Zinc + Hydrochloric acid → zinc chloride + Hydrogen
- Sodium oxide + water → Sodium hydroxide
- Iron + Chlorine → Iron (III) chloride
- Magnesium + Oxygen → Magnesium oxide
- Sodium + Chlorine → Sodium chloride
- Calcium oxide + Water → Calcium hydroxide
- Carbon monoxide + Oxygen → Carbon dioxide
- Iron + Oxygen → Iron (III) oxide
- Magnesium + Sulphuric acid → Magnesium Sulphate + Hydrogen

2. Answer the following :

- What are isotopes ? How does the existence of isotopes contradict Dalton's atomic theory ? (3)
- The atomic number and mass number of sodium are 11 and 23 respectively ,what information conveyed by this statement ? (3)
- The atom of an element is made up of 4 protons, 5 neutrons and 4 electrons,what is its atomic number and mass number ? (2)
- Explain the rule with example according to which electrons are filled in various energy levels ? (3)
- What are two main features of Rutherford atomic model ? State its one drawback. (3)
- What information do you get from the following chemical equation (3)
 $\text{Mg (s)} + 2\text{HCl (Dil)} \rightarrow \text{MgCl}_2(\text{aq}) + \text{H}_2(\text{g})$
- Write molecular formula for the oxides and sulphides of Sodium , Calcium and Hydrogen . (3)
- Mention briefly the salient features of Dalton s atomic theory (three points). (3)
- Draw the diagrams representing the atomic structures of nitrogen and neon. (2)
- What is variable valency ?? Give two examples and mention their valencies. (2)
- What are the observations of the experiment done by Rutherford in order to determine the structure of an atom ? (3)

3. Give differences between the following : (2×2) = 4

- Reactants and products
- Balanced and unbalanced chemical equation

4. Give reasons for the following : (2×3)=6

- Atoms are electrically neutral.
- It is necessary to balance a chemical equation.
- The isotopes of an element have same chemical properties.

Krishnagar Academy

Pre-Annual Examinations-2021

Class: VIII

Subject: Biology

FM: 60

Q.1. Answer the following questions. $10 \times 2 = 20$.

- Why is pollination important for the plants?
- Why do we carry out artificial pollination?
- Name two accessory glands associated with the male reproductive organs.
- Why is Testis located outside of the body?
- Give the exact location of prostate gland.
- Give the exact location of seminal vesicle.
- Name the abiotic components present in the nature.
- What are diurnal animals?
- How do abiotic components affect on the organisms?
- What are omnivores?

Q.2. Differentiate between the following. $6 \times 2 = 12$

- Entomophily and Anemophily.
- Prostate gland and Cowper's gland.
- Semen and Sperm.
- Implantation and pregnancy.
- Consumer and reducer.
- Food chain and Food web.

Section-2

Q.3. Answer the following questions. $6 \times 2 = 12$

- What is ecological pyramid? Draw one ecological pyramid showing the relationships among different trophic levels. $3+3=6$
- Describe the ecosystem of a pond along with diagram. 6

Section -3

Q4. Answer the following questions. $8 \times 2 = 16$

- Give the diagram of Female Reproductive system of human beings.
 - Name one hormone produced from ovary.
 - What happens to the uterus.....
 - If fertilisation takes place?
 - If fertilisation doesn't take place? $3+1+2+2$

B. What is double fertilisation in plant? Why is it called triple fusion? Discuss with the diagram. $3+3+2$

KRISHNAGAR ACADEMY
PRE-ANNUAL EXAMINATION
CLASS-VIII
HISTORY & CIVICS
FULL MARKS-60
SEC-A

Question:1 (10x1=10)

Answer the following questions:

- i) Jains believe that there had been _____ Tirthankars who propagated Jainism.
- ii) What is the real name of Mahavira?
- iii) What does the term 'Samvara' mean?
- iv) What do you mean by 'Bherighosa'?
- v) How long did Chandragupta Maurya rule for?
- vi) Give name of Selucas's daughter to whom Chandragupta Maurya was married.
- vii) Which article does abolish untouchability?
- viii) What do you mean by Preventive Detention?
- ix) "No child below the age of fourteen years shall be employed to work in any hazardous form of employment".
Which article does state the following?
- x) What is the meaning of 'Quo Warranto'?

History

SEC-B

Question 2: (5x2=10)

A) Answer all the following questions:

- 1) Mention any two reasons for the rise of Jainism and Buddhism in India.
- 2) When and where was Mahavira born?
- 3) Write a short note on 'Great Renunciation'.
- 4) Whom did Chandragupta Maurya depose to ascend the throne? Who did assist him?
- 5) What are the two titles given to Ashoka? How did Ashoka prove himself to be a competent General?

Civics

B) Answer all the following questions: (5x2=10)

- 1) In which year and by which amendment the Right to Property was removed from the list?
- 2) Mention any two difference between Fundamental Rights and Directive Principles?
- 3) Which article does prohibit all forms of forced labour trafficking of human beings for exploitations and commercial purposes? Which article does ensure the Right to Education?
- 4) Mention the provisions of the following articles.
 - a) Article 16
 - b) Article 18
- 5) Define Writ. In which article are the Writs enumerated?

SEC-C

Civics

Question 3:

[Answer any one of the following questions, Between (C) & (D)]

- C) 1) Mention any three basic freedom that Article 19 provides. [3]
- 2) Mention any three provisions that Article 22 ensures. [3]
- 3) Mention any four fundamental duties that every citizen of India should perform. [4]
- D) 1) List the provisions under Article 20. [3]
- 2) What does Article 29 guarantee. [3]
- 3) Mention the limitations of Preventive Detention. [4]

SEC-D

History

Question 4:

[Answer any two of the following questions, among (E), (F) & (G)]

- E) 1) What do you mean by 'Tri-Ratnas'? [3]
- 2) Mention any three of the five vows of Jainism. [3]
- 3) Mention any four teachings of Mahavira. [4]
- F) 1) Mention any three similarities between Jainism and Buddhism. [3]
- 2) Mention any three teachings of Buddhism. [3]

3) Write a short note on the four great sights that lead Siddhartha to renounce materialistic life. [4]

G) 1) Mention any three features of Ashoka's Dhamma. [3]

2) Write a short note on the measures that Ashoka took to propagate Dhamma. [3]

3) What were the changes that took place in Ashoka's life after the Kalinga War? [4]

Krishnagar Academy

Pre-Annual Examinations-2021

Class: VIII

Subject: Geography

FM: 60

Q1. Choose the correct option: (5*1=5)

i) People whose claim has not been finally decided by the Foreign country are called

- a. Emigrants
- b. Immigrants
- c. Refugees
- d. Asylum Seeker

ii) When the migrants are forced to leave their homes due to long term changes to their local environment ,called-

- a. Voluntary Migrants
- b. Refugees
- c. Temporary refugees
- d. Climatic refugees

iii) Tyfoons an intense tropical cyclone generally occurs in

- a. The Temperate Climate Region
- b. The Steppe Type Climate Region
- c. The Tropical Climate Region
- d. Equatorial type climate region

iv) Malayasia is the home of

- a. Evergreen forests
- b. Tropical Grasslands
- c. Temperate Grasslands
- d. Tropical Rain Forest

v) A belt extend eastward from Pamirs to form the

- a. Himalayas
- b. Tien Shan Mountains
- c. Hindukush Mountains
- d. Kunlun Mountains

Q2. Name the followings: (5*1=5)

- a. Two Intermontane Plateau in Asia.
- b. Two rivers in Northern Lowlands in Asia.
- c. Two volcanic islands on the Bay of Bengal.
- d. Two animals found in Temperate deserts.
- e. Two Rain Shadow area in Asia.

Q3. State two difference between: (5*2=10)

- a. Tropical Desert type of climate and Temperate Desert type of climate.
- b. Summer Monsoon Winds and Winter Monsoon Winds in Asia.
- c. Internal Migration and External Migration.
- d. Place of origin and Place of Destination.
- e. Push Factors and Pull Factors.

Q4. Mark the following on the outline map of India: (10)

- a. Satpura
- b. Nilgiris
- c. Himalayas
- d. Godwin Austin
- e. Mt Everest
- f. Kosi
- g. Lake Wular
- h. Brahmaputra
- i. Yamuna
- j. Gulf of Khambat

- Q5. a) What is Migration? What is Reverse Migration? (2)
- b. Name the most common form of Internal Migration. Write the causes of this type of Migration. (1+2)
- c. What is Brain drain? Write the impact of Brain drain.(1+2)
- d. Write two positive effect of Donar Region. (2)

- Q6. a) Why some parts of Japan receive winter rain where rainfall generally occurs in Summer months in Eastern parts of Asia. (2)
- b. Describe the climatic conditions prevailing in Asia during Winter Season. (3)
- c. Describe the climatic condition, Natural vegetation and wildlife found in Tropical Deserts in Asia. (3)
- d. Sate the characteristics features of Tropical Rain Forests in Asia. (2)

- Q7. a) Write the location and Longitudinal extent of Asia.(2)
- b. Asia --- A continental of contrasts. Justify your answer with three reasons.(3)
- c. State the Political division of Asia. (2)
- d. Name the physical division of Asia with one characteristics feature of each.(3)

Krishnagar Academy

Pre-Annual Examinations-2021

Class: VIII

Subject: Computer

FM:30

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|--------------------------------------------------------------|--------|
| 1. Write the advantages of LAN. | 5 |
| 2. Write the steps to create a Blog using www. blogger. com. | 10 |
| 3. What do you mean by OLE Object? | 5 |
| 4. Write the properties of the following :- | 5×2=10 |
| i. Allow Zero Length - | |
| ii. Validation Rule - | |
| iii. Caption - | |
| iv. Default Value - | |
| v. Required - | |