



RAMAKRISHNA VIVEKANANDA MISSION

ENGLISH MEDIUM

ANNUAL EXAMINATION – 2021

QUESTION BOOKLET

CLASS – VII

NAME :

ROLL :

SECTION :

MOBILE NO.:

SUBMISSION DATE :

RAMAKRISHNA VIVEKANANDA MISSION

ENGLISH MEDIUM
Annual Examination - 2021
Class - VII
Subject – Bengali

Full Marks : 2 hrs. 30 Mins.

Full Marks : 100

Name : Roll No. : Sec :

১। অক্ষয়কুমার বড়াল কার কাছ থেকে কাব্যদীক্ষা লাভ করেন? (১)

২। 'মাধুকরী' কার লেখা? (১)

৩। পরশুরাম কার ছদ্মনাম? (১)

৪। কুমুদ রঞ্জন মল্লিকের কবিতার বৈশিষ্ট্য কী? (২)

৫। অর্থ লেখো : (৫x২=১০)

অবকাশ —

নীড় —

ইজারা —

সমবায় —

অপচয় —

৬। বাক্য রচনা করো :

(৪=২x৪)

কাঁখে, সোহাগ, পটভূমি, পাশ্চাত্য

৭। বিপরীত শব্দ লেখ :

(৩x১=৩)

অধিকার, গৃহী, স্বপন

৮। 'মানব' শব্দটির তিনটি প্রতিশব্দ লেখ।

(২)

৯। ক) 'শ্রাবণে' কবিতা অবলম্বনে একটি শ্রাবণ দিনের বর্ণনা দাও।

(৫)

VII-Bengali (E/M) (3)

খ) 'গাছেদের বেলা নিয়ম অন্য' — কার লেখা? কোন্ রচনার অংশ? বঙ্গা কে? কোন্ প্রসঙ্গে কথাটি বলা হয়েছে?

(১+১+১+২)

গ) খনিজের রক্ষার জন্য লেখক কী বলেছেন?

(৫)

ঘ) 'আমার বাড়ি' কবিতায় গ্রামের যে ছবি আঁকা হয়েছে তা নিজের ভাষায় লেখ।

(৫)

ব্যাকরণ থেকে উত্তর দাও।

১। কারক নির্ণয় করো :

সমিতিতে চাঁদা দাও।

(২)

লোকটি বীরত্বে অর্জুন।

(২)

সাধনায় সিদ্ধি লাভ হয়।

(২)

ট্রেন হাওড়া ছাড়লো।

(২)

২। নিরপেক্ষ কর্তা, বিষয়াধিকরণ উদাঃ দাও।

(২x২=৪)

৩। কোন্টি কী ধরণের শব্দ লেখো :

(৭=৪x২)

জানাশোনা, ফন্দিফিকির, হাঁকডাক, কাপড়চোপড়।

৪। বাগধারা গুলির অর্থ লিখে বাক্যে প্রকাশ করো :

(৩x২=৬)

কুপমভুক —

একই একশো —

গড্ডালিকা প্রবাহ ---

শ্রী শ্রী গীতা

- ১। সৎ সঙ্গের অর্থ কী? (২)
- ২। শ্রী রামকৃষ্ণ দেব পাপ সম্বন্ধে কী বলতেন? (২)
- ৩। ভগবান বুদ্ধ, শ্রী চৈতন্যদেব কাদের উদ্ধার করেছিলেন? (২)
- ৪। কোন্ ধরনের ব্যক্তি ইহলোক ও পরলোকে সুখ পায় না? (২)
- ৫। পুণ্য বলতে কী বোঝো? (১)

প্রবন্ধ রচনা করো। (যে কোনো একটি)

ঈশ্বরচন্দ্র বিদ্যাসাগর / সর্বাঙ্গিক অভিযান

(১২)



Ramakrishna Vivekananda Mission

(English Medium)

Annual Examination, 2021

Class – VII

Subject – Computer

Time – 1 hr. 30 mins.

F.M – 50

A) Write True / False

(16 X 1 = 16)

- 1) The decimal number system consists of 10 digits 0 to 9.
- 2) In Binary multiplication, $1*1=1$.
- 3) The numbers used in Octal number system are 1 to 7.
- 4) The base of Decimal number system is 10.
- 5) By default, the Excel workbook contains 4 worksheets.
- 6) Letter A to Z, AA to AZ are the Row headings.
- 7) Microsoft Excel is the most suited program for documentation.
- 8) By default, Name box is present below the Column Heading.
- 9) Copying refers to placing data from one place to another.
- 10) To turn on Overtyping mode, press the Insert key from the keyboard.
- 11) To select a range, hold down the Ctrl key and click on adjacent cells.
- 12) Data can be edited in the status bar.
- 13) Save the file using Ctrl+shift+S key combination.
- 14) Cut buttons are present in the Clipboard group on Insert tab.
- 15) In Binary Addition, $1+0=1$.
- 16) A formula consists of combination of cell references, numbers, operators and Excel functions.

B) Fill in the blanks.

(8 X 2 = 16)

- 1) The base of Binary number system is _____.
- 2) A computer understands only _____ language.
- 3) The AutoSum button is present on the _____ tab.
- 4) _____ shows the address of an active cell.
- 5) When you finish editing within a cell, Excel returns to _____ mode.
- 6) To remove a column from a worksheet, select _____ option.
- 7) _____ function key is used to edit the cell contents.
- 8) In Binary Subtraction, $1-1=$ _____.

Solve
C) ~~Solve~~ it.

(3 X 2 = 6)

1) $(24)_{10} = (?)_2$

2) $(1010 + 101)_2 = (?)_2$

D) Answer the following:-

(6 X 2 = 12)

1) Which key is used to open a workbook?

Ans:-

2) On which side of the cell, the text and numbers are aligned?

Ans:-

3) Mention the shortcut key to undo the last action.

Ans:-

4) How many buttons are present on the left of Formula Bar?

Ans:-

5) Who was the greatest mathematician of ancient India?

Ans:-

6) Which number system has '8' as its base?

Ans:-

RAMAKRISHNA VIVEKANANDA MISSION

ENGLISH MEDIUM

Annual Examination - 2021

Class - VII

Subject – English

Full Marks : 2 hrs. 30 Mins.

Full Marks : 100

Name : Roll No. : Sec :

1) Write the meaning of the following words : (4x1=4)

a) Williness –

c) summons –

b) hoary –

d) guile –

2) Make sentence with the following words : (3x2=6)

a) grins –

b) eloquent –

c) malady –

3) Answer the following questions : (4x4=16)

i) How does the speaker express his displeasure in the first stanza of the poem 'Common Cold'?

ii) How did the hitch-hiker prove his special skill to the narrator?

iii) What was skeet's role in Buck's recuperation?

iv) What is the mask that the poet is talking about and what does the mask do?

4) Answer the following questions with reference to the context.

(1+2+2+2=7)

a) 'I decided not to question him anymore.'

i) Who is referred to as 'him'?

ii) What questions had the speaker asked?

iii) Why did he decide not to ask any more questions?

iv) How did he try to make amends for asking questions ?

VII-English (E/M) (3)

b) ... Buck was content to adore at a distance.

(1+2+2+2=7)

i) Whom did Buck adore?

ii) With whom has Buck been compared in this context?

iii) What do we learn from the comparison?

iv) What is our impression of Buck in the given context?

5) Answer the following questions :

(6x2=12)

i) What happened to Joyce?

ii) What weapon did Israel Hands get?

iii) Where was the treasure?

iv) Write the name of the saint with whom the Holy Mother met at Varanasi? What did she send to him and why?

v) Who made the life of the Holy Mother unbearable and how?

VII-English (E/M) (5)

vi) Who was Swami Ramakrishnananda? Who was Girish Chandra Ghosh?

6) Do as directed :

(22x1=22)

a) Turn the following in to Indirect Speech.

i) 'You have all done very badly!' remarked the teacher.

ii) 'Do you write in a good hand?' he said.

iii) 'Have you anything to tell me, little bird?' asked Ulysses.

b) Put the following in Direct Speech :

i) He asked me if I had anything to say.

ii) The boy said that he would go with us.

iii) He asked his father when the next letter would come.

c) Fill each blank in the following sentences with an appropriate conjunction :

i) I wonder _____ he will come.

VII-English (E/M) (6)

- ii) Virtue ennobles, _____ vice degrades.
- iii) _____ respected, he is not liked.
- d) Join each pair of the following sentences by means of a suitable conjunction. Make such changes as are necessary.
- i) You must be quiet. You must leave the room.
- ii) Men have fought for their country. Men have died for their country.
- iii) The prisoner fell down on his knees. The prisoner begged for mercy.
- e) Transform the following sentences into Assertive sentences :
- i) Is that the way a gentleman should behave?
- ii) Who is so wicked as to amuse himself with the infirmities of extreme old age?
- iii) Can any man by taking thought add a cubit to his stature?
- f) Express the meaning of the following Assertions as Questions :
- i) No one can be expected to submit for ever to injustice.
- ii) We could have done nothing without your help.
- g) Transform the following exclamatory sentences into Assertions.

VII-English (E/M) (7)

i) What might be done, if men were wise!

ii) If only I had a good horse!

iii) O what a fall was there, my countrymen!

h) Transform the following into Exclamatory sentences.

i) It is hard to believe that he did such a deed.

ii) I wish I had met you ten years ago.

7) Read the passage and answer the following questions :

William Shakespeare was born on April 23, 1564, in the village of Stratford on Avon in the country of Warwickshire. His father John Shakespeare was a trader of corn, wheat, leather and agricultural products. His mother Mary Arden was the daughter of a prosperous farmer. It is generally believed that neither the poet's mother nor his father could read or write. He did not get any type of financial support from his father because his father lost his property and fell into debt.

In 1582 Shakespeare married Anne Hathaway, the daughter of a peasant family. She was eight years older than Shakespeare. Shakespeare's famous plays are Macbeth, Hamlet, Julius Caesar etc. He wrote many interesting comedies. They are As you like it, The Tempest etc. He wrote one hundred and fifty four sonnets. They are the remarkable creation of the whole world.

A) Answer the following questions :

(2x1=2)

i) Why did William Shakespeare not get any type of financial support from his father?

VII-English (E/M) (8)

ii) Who was Mary Arden?

B) Write 'True' or 'False' :

(2x1=2)

1. William Shakespeare's parents were educated.

2. William Shakespeare was not older than his wife.

C) Find out the words from the above text which mean the following :

(2x1=2)

i) of agriculture –

ii) thriving –

8) Write a paragraph on 'Importance of Wildlife Conservation'.

(10)

VII-English (E/M) (9)

- 9) You sent a money order for Rs. 5000/- to one of your relations several months before. This has not reached him yet. Write a letter to the postmaster to make an inquiry regarding the delay in its delivery.

(10)



Ramakrishna Vivekananda Mission

(English Medium)

Annual Examination, 2021

Class -vii

Subject -Geography

Time:-2 hrs.30 mins.

FM-100

A) Fill in the blanks :-

2x15=30

- 1) _____ star is located vertically above the north pole
- 2) Each degree of parallel is subdivided into _____ minutes.
- 3) Time difference at 2° interval of longitude is _____ minute.
- 4) There are about _____ pressure belts in the world.
- 5) The boiling point of water _____ in mountainous regions.
- 6) _____ air is lighter than dry air.
- 7) The Himalayas and the Alps are examples of _____ types of mountains.
- 8) The _____ areas are most productive for farming.
- 9) Western Ghats mountain of India is an example of _____
- 10) In general the climate of Europe is _____ in nature.
- 11) The nature of North Atlantic Drift is _____.
- 12) Mediterranean type of climate prevails in Europe in the _____ part.
- 13) _____ is the longest river of Italy.
- 14) Old mountains are found in the _____ part of Europe.
- 15) The river Volga originate from _____ region.

B) Write 'True' or 'False' :-

1x10=10

- 1) The parallel $66 \frac{1}{2}^{\circ}$ north is called Antarctic Circle.
- 2) The highest value of latitude is 180° .
- 3) The time difference at two sides of the international dateline is 12 hrs.
- 4) Cold air can hold high amount of water vapor.
- 5) The rate of decrease per 110mb is equivalent to 1 cm. on mercury level.

6)The plates are floating on a layer name Asthenosphere.

7)Fossils are found in fold mountains.

8)The Alps mountain range is located at the heart of the northern mountainous region of the continent.

9)Indian standard Time is 230 minutes ahead of Greenwich time.

10)Don Massif of Russia is an example of dissected plateaus.

C)Choose the correct answer :-

1x10=10

1)The total no. of parallels of latitude on a globe- 90/179/180/360

Ans

2)When it is 4.30 p.m in India ,It is _____ in Greenwich -09a.m/10a.m/11a.m/none of these.

Ans

3)Lines of latitude are – equal in length/parallel to one another/north to south lines

Ans

4)Each meridian cuts the equator at – 45° / 90° / 120° / 180°

Ans

5)The 'Plate tectonic' is related with the formation of –block mountains/rift valleys/fold mountains/volcanic mountains

Ans

6)Block mountains are formed by-folding/faulting/volcanic/depositing

Ans

7)Chhotanagpur plateaus are examples of –intermontane plateaus/dissected plateaus/lava plateaus/faulted plateaus

Ans

8)The highest mountain peak of Europe is –Mt. Elbruz/Mt. blanc/Mt. Matter Horn/ none of these

Ans

9)Which climatic region of Europe is expected to be the most populous?-tundra climate/sub-polar climate/mediterranean climate / none of these.

Ans

10)In India , the longitude of ($88^{\circ}30'E$ / $80^{\circ}30'E$ / $82^{\circ}30'W$ / none of these),passing through Allahabad is considered the standard meridian.

Ans

D) Match the following :-

1x6=6

A	B
a) Vosges	i) Semi circle ()
b) Prime meridians	ii) Sicily ()
c) Longitude	iii) Africa ()
d) Air pressure	iv) France ()
e) Etna	v) Millibar ()
f) Kilimanjaro	vi) 0° ()

E) Draw the diagram (any two):-

3x2=6

1) Important parallels of latitude

Ans

2) Block Mountain

Ans

3) Indian standard meridian on India map

Ans

F) Answer the following questions (Any three) :-

3x3=9

1) Explain the relationship between time and longitude.

Ans

2) Distinguish between parallels of latitude and meridians.

Ans

3) Write a comparison between mountains, plateaus and plain.

Ans

4) Write a short note on Isobar

Ans

5) Write a short note on plain

Ans

G] Answer the following questions (Any three):-

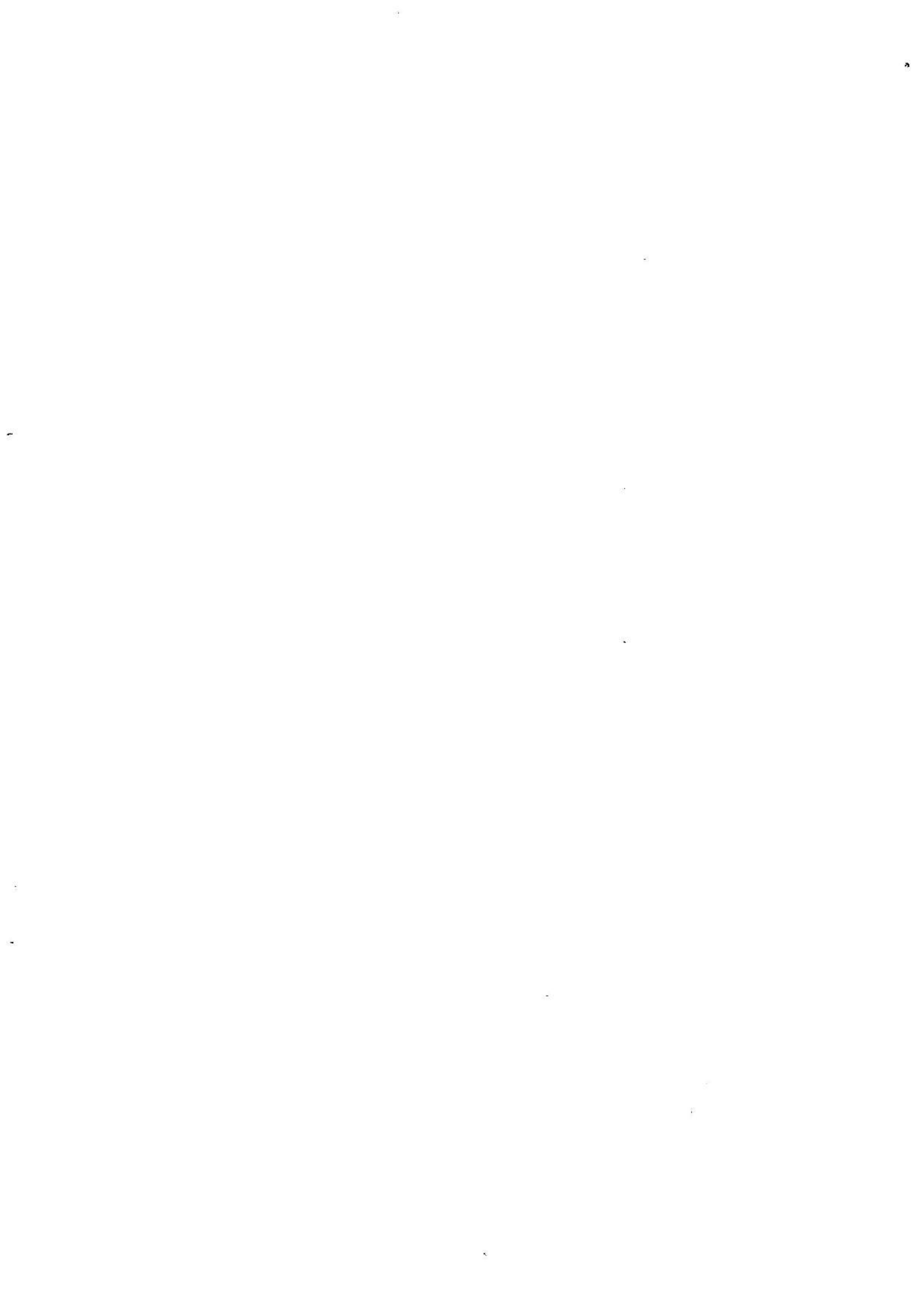
3x5=15

1) Causes for the variation of atmospheric pressure (5)

Ans

2) Define plateaus and classify them (2+3)

Ans



3) Describe different types of natural vegetation of Europe. (5)

Ans

4)What is parallels of Latitude? Write the characteristics of parallels of latitude (any 6).(2+3)

Ans

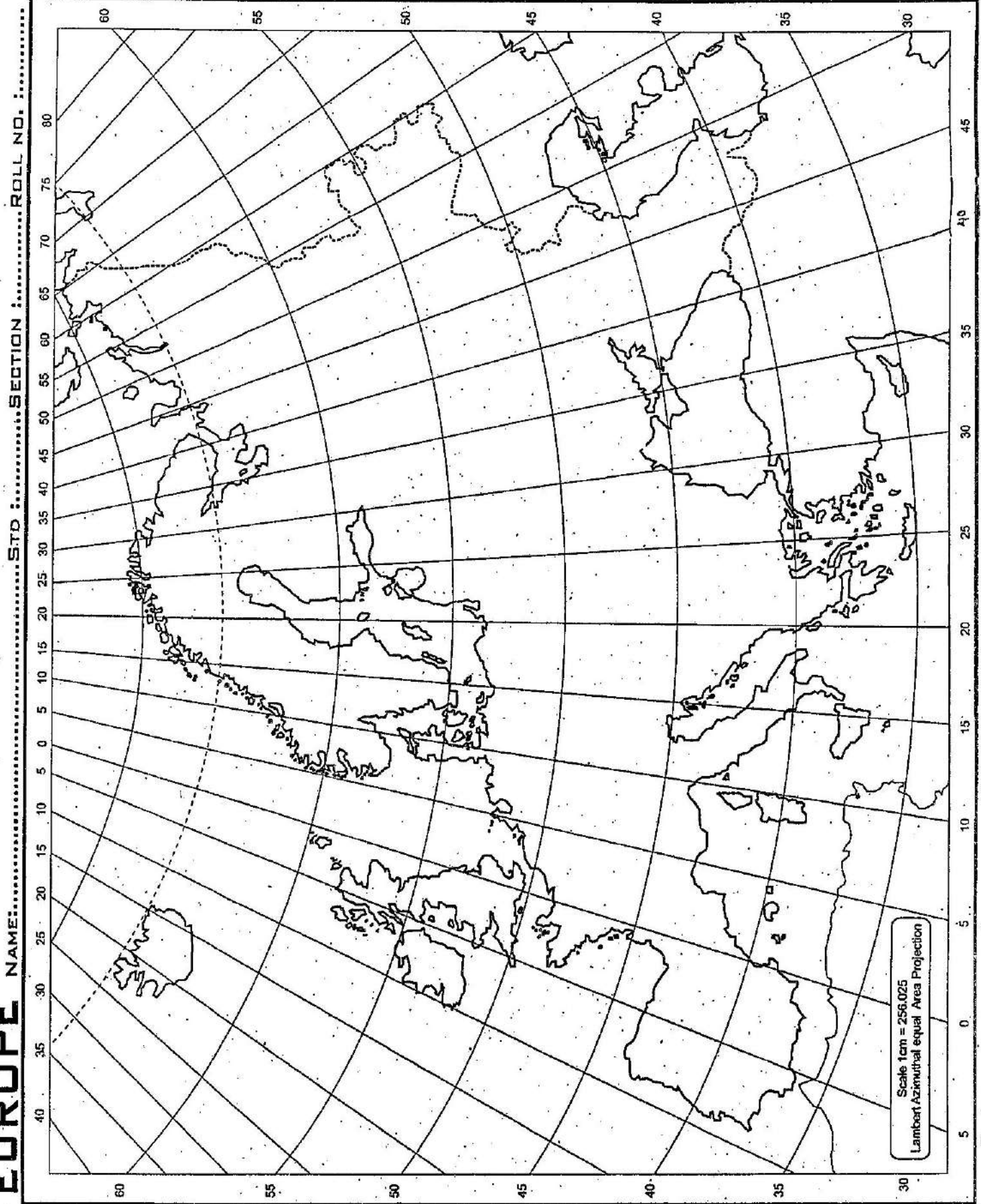
H) Locate the following with appropriate symbols and names on the given outline map of Europe

:-

2x7=14

- i) Ural mountain, ii) White sea, iii) Alps Range iv) Strait of Gibraltar v) Danube River vi) Thames river
- vii) Bay of Biscay.

EUROPE



RAMAKRISHNA VIVEKANANDA MISSION

ENGLISH MEDIUM
Annual Examination - 2021
Class - VII
Subject – History

Full Marks : 2 hrs. 30 minutes

Full Marks : 100

Name : Roll No. : Sec :

A) Answer in a sentence : (Any ten)

(10x1=10)

1) Name the canal constructed by sultan Iltutmish.

Ans :

2) Who occupied Delhi in the 12th century?

Ans :

3) What is Rupaya?

Ans :

4) What was the name of shivaji's father?

Ans :

5) Whom did Sultan of Bijapur send to crush shivaji?

Ans :

6) What did the Marathas call their kingdom?

Ans :

7) Name the tenth Sikh Guru.

Ans :

8) Who was Guru Har Govind?

Ans :

9) Name the main architect of the Constitution of India?

Ans :

VII-History (E/M) (2)

10) When was the Constitution of India adopted?

Ans :

11) Name two countries where monarchy still exists.

Ans :

B) Fill in the blanks :

(15x1=15)

- 1) The followers of Kabir are known as _____
- 2) Qutb-ud-din was the trusted general of _____.
- 3) _____ was the first independent Sultan of Bengal.
- 4) The muslim rulers were to collect Ziziya from the _____ subjects.
- 5) The battle of Panipath took place between _____ and _____ in 1526 A.D.
- 6) Iltutmish was recognised by the _____ in _____ A.D.
- 7) Balban introduced the system of _____ and _____ in his court.
- 8) Khijir khan, the founder of the _____ dynasty never took the title _____ himself.
- 9) A "Block" consist of many _____ and every "Block" has a _____.
- 10) The people of Netherland are called the _____.

C) Find the odd one out :

(10x1=10)

1) Pandua, Burhanpur, Chittagong, Gaur.

Ans :

2) Tanka, Mohar, Cotton, Silver.

Ans :

3) Pune, Konkan, Agra, Bijapur.

Ans :

VII-History (E/M) (3)

4) Astapradhan, Bargi, Mawle, Khalsa.

Ans :

5) Kesh, Kripan, Kalam, Kanga.

Ans :

6) Kharaj, Khams, Ziziya, Amir, Zakat.

Ans :

7) Barbarosa, Mahmud Gawan, Paes, Nunij.

Ans :

8) Iltutmish, Raziya, Ibn Batuta, Balban.

Ans :

9) Delhi, Firozabad, Agra, Bombay.

Ans :

10) Village, Block, District, Corporation.

Ans :

D) Indicate the correct and Incorrect statements :

(5x1=5)

1) Sri Chaitanya preached Vaishnavism.

Ans :

2) In the reign of Feroz Tughlag four types of taxes were collected.

Ans :

3) The invaders came to India through the north-eastern frontier.

Ans :

4) During the rule of Alauddin Khalji Delhi was attacked twice.

Ans :

VII-History (E/M) (4)

5) Guru Tegbahadur formed an organisation namely 'Khalsa.'

Ans :

E) Match the following words of the column 'A' with the column 'B'.

(10x1=10)

Group - A

- 1) Golkonda
- 2) Pathan Tribe
- 3) Federal State
- 4) Sarkar
- 5) Saraf
- 6) Siri
- 7) Rumi Tricks
- 8) King Ganesh
- 9) Raygarh
- 10) Athens

Group - B

- 1) Farsi
- 2) Greece
- 3) The Deccan
- 4) Alauddin Khalji
- 5) Babur
- 6) India
- 7) North-west frontier
- 8) Exchange of Coins
- 9) Bangla
- 10) Shivaji

Ans :

Group - A

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9)
- 10)

Group - B

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9)
- 10)

F) Signify the dates :

(5x2=10)

1398 AD :

VII-History (E/M) (5)

1674 AD:

1296 AD:

1206 AD:

1342 AD:

G) Answer the following questions in short : (Any ten)

(10x2=20)

1) Why is Alauddin's reign important?

Ans :

2) Who were the supporters of Sultan Raziya? Who were her rivals?

(1+1)

Ans :

3) What are the functions of the government?

Ans :

4) Why did the Jath get into a conflict with the mughals?

Ans :

5) How would cities develop in the Middle Ages?

Ans :

6) What do you understand by Local self Government?

Ans :

7) How did Alauddin Khalji combat the Mongol aggression?

Ans :

8) What was the motive behind the invasion of India by the Turco-Afghans?

Ans :

9) How did the Mughal rulers encourage trade?

Ans :

10) What are Federal System?

Ans :

11) Who was called the Wazir?

Ans :

H) Answer the following questions in details : (Any four)

(4x5=20)

1) What are the functions of Municipalities and Gram Panchayats?

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

Ans :

2) Describe the urban life of Shahjahanabad.

Ans :

3) What is Iqta? Why did the Sultans introduce the system?

(2+3)

Ans :

4) How did the Sikhs organise themselves against the Mughals?

Ans :

VII-History (E/M) (13)

5) Why did the trade flourish in the times of the Delhi Sultanate?

Ans :



RAMAKRISHNA VIVEKANANDA MISSION

ENGLISH MEDIUM
Annual Examination - 2021
Class - VII
Subject – Life Science

Full Marks : 2 hrs. 30 minutes

Full Marks : 100

Name : Roll No. : Sec :

1. M.C.Q. :

(1x10)

1.1. Pseudocoel is found in –

- a) Platy helminthes b) Arthropoda c) Annelida d) A schelminthes.

Ans :

1.2. Tube feet are found in –

- a) Cuttle fish b) Silverfish c) Starfish d) Catfish

Ans :

1.3. Which of the follwing is / are accessory whorls of flower?–

- a) Androecium b) Caly x c) Corolla d) Both 'b' and 'c'

Ans :

1.4. Which of the following is not a diploblastic phylum? –

- a) Cnidaria b) Porifera c) Platyhelminthes d) Ctenophora.

Ans :

1.5. An incomplete flower laks –

- a) Androecium b) Gynoecium c) Either 'a' and 'b' d) Both 'a' and 'b'

Ans :

1.6. Cotyledon of maize grain is called –

- a) Coleoptile b) Scutellum c) Plumule d) Coleorhiza

Ans :

VII-Life Science (E/M) (2)

1.7. Which one of the following statement is incorrect –

- a) Mesoglea is present in between ectoderm and endoderm in Jellyfish. b) Pentaradial symmetry is found in Asterias c) Fasciola is a pseudocoelomate animal. d) Taenia is a triploblastic animal.

Ans :

1.8. Water-vascular system is found in –

- a) Mollusca b) Arthropoda c) Annelida d) Echinodermata

Ans :

1.9. An animal without anus is –

- a) Pheretima b) Fasciola c) Periplaneta d) Pila

Ans :

1.10. Number of combplate present in Hormiphora.

- a) 8 b) 6 c) 4 d) 2

Ans :

2. Fill in the blanks :

(1x10)

2.1. Ovules, ovary, style and stigma together called _____

Ans : _____

2.2. Mango juice obtained from _____

Ans : _____

2.3. Female _____ mosquitoes spread malaria.

Ans : _____

2.4. The urinogenital duct carries both _____ and _____

Ans : _____, _____

2.5. Self pollination occurs in _____

Ans : _____

VII-Life Science (E/M) (3)

2.6. The outer layer of seed coat is called _____.

Ans : _____

2.7. _____ is an example of aggregate fruit.

Ans : _____

2.8. The body of Cnidaria possess _____ cells.

Ans : _____

2.9. The inactive organ present at the anterior end of each testis called _____.

Ans : _____

3. Write True or False :

(1x10)

3.1. Bat helps in Pollination. []

3.2. In Aves hind limbs are modified into wings. []

3.3. Open blood vascular system found in earthworm. []

3.4. Male toad has Thumbpad. []

3.5. Fruit is a modified ovule. []

3.6. Pinna is an identifying character of the class mammals. []

3.7. Osculum is found in the animals belongs to the phylum. Cnidaria. []

3.8. Seeds of Pumpkin show epigeal germination. []

3.9. Jackfruit is a compound fruit. []

3.10. Essential whorls of a flower take part in reproduction. []

4. Give one word answer :

(1x10)

4.1. Name the upper part of the nodal Zone of seed.

Ans :

VII-Life Science (E/M) (4)

4.2. Name a plant that is pollinated by snail.

Ans :

4.3. Name the smell receiving organ of Snake.

Ans :

4.4. Which gas is found in the closed man hole?

Ans :

4.5. An Antibiotic widely used to treat bacterial infection.

Ans :

4.6. Name the locomotory organ of pila.

Ans :

4.7. Seminiferous tubules is associated with which organ.

Ans :

4.8. A fruit that is very juicy and astringent when ripe.

Ans :

4.9. Name a paired fin of fishes.

Ans :

4.10. Name an artificial semi permeable membrane.

Ans :

VII-Life Science (E/M) (5)

5. Match the column A with Column B and choose the correct option :

(1x10)

Column A

Column B

- | | |
|---------------------------------|-----------------------|
| a) arthropoda | i) Hormiphora |
| b) Closed blood Vascular system | ii) Jelly fish |
| c) Parasitic animal | iii) Fish |
| d) Colloblast cells | iv) Ancylos toma |
| e) Chitinous exoskeleton | v) Jointed appendages |
| f) Lateral line sense organ | vi) Earthworm |
| g) Binary fission | vii) Taenia |
| h) Seminiferous Tubules | viii) Nematodes |
| i) Coelenterate | ix) Arthropoda |
| j) Aschelminthes | x) Testis |

Ans : Column A

Column B

6. Write the Scientific name of the following :

(2x5)

Leech –

Apple Snail –

Rohu –

VII-Life Science (E/M) (6)

House-lizard –

Pigeon –

7. Differentiate of the following : (Mention 3 points only)

(3x5)

- i) Self pollination and Cross Pollination
- ii) Annelida and Arthropoda
- iii) Diffusion and Osmosis
- iv) Cnidaria and Ctenophora
- v) Aves and Mammalia

Ans :

i)		
ii)		

VII-Life Science (E/M) (7)

iii)		
iv)		
v)		

8. Answer the following : (Any 3)

(5x3)

8.1. Write three characteristics of phylum Arthropoda. What is Cross pollination.

(3+2)

Ans :

8.2. Write two problems of Pollination. Write a note on testis of toad.

(2+3)

Ans :

8.3. Name any one organ where Tuberculosis bacteria can reside. Why is cell membrane called selectively permeable.

Ans :

8.4. What is called pheromones? Mention any two importances of osmosis in living world. What is hypertonic solution. (2+2+1)

Ans :

9. Draw a neat labelled diagram of the following : (Any one)

(10)

a) The female reproductive system of Toad.

b) The male reproductive system of Toad.



RAMAKRISHNA VIVEKANANDA MISSION

ENGLISH MEDIUM
Annual Examination - 2021
Class - VII
Subject – Maths

Full Marks : 2 hrs. 30 Mins.

Full Marks : 100

Name : Roll No. : Sec :

Group - A

1. Short Answer Type Questions : (2x15=30)

- i) When distance is constant then speed and time are in _____ relation. (Fill up)
- ii) Convert 36 km/hr into m/sec. (1+1)

Ans :

2. i) Write the formula of area of fourwalls.

ii) Write the formula of speed. (1+1)

3. i) If two objects move in the same direction then relative speed = _____ of their speeds.
(Fill up)

ii) Length of each side of square = $\frac{\text{Area}}{4}$ unit (True/False) (1+1)

4. Using the formula $(a^2 - b^2) = (a + b)(a - b)$ find the value of 78×82

VII-Maths (E/M) (2)

5. If $(25 - 4x^2) = (5 + ax)(5 - ax)$ find the positive value of a .

6. Factorise : $ax^2 - ay^2$

7. Solve : $3(x+9) = 81$

8. The length and breadth of a rectangle are 19m and 13m. Find its perimeter.

9. Evaluate : $\left(7\frac{3}{4}\right)^2 - \left(6\frac{1}{4}\right)^2$

10. In a square ABCD find $\angle A + \angle B + \angle C - \angle D$.

11. Define parallelogram with diagram.

12. i) Name the quadrilateral in which four sides are equal and angle is right angle.

ii) Write True / False :

The Length of diagonals of a square are equal to each other.

(1+1)

13. i) Fill up :

The diagonals of a rhombus bisect each other at _____.

ii) Write True / False :

The oblique Sides of a trapezium are parallel.

(1+1)

14. I covered a distance of 12 km in 40 min in a bus. Find the speed of the bus in km/hr.

15. i) An equality with a variable is called an _____ (Fill up).

ii) Solve : $\frac{x}{3} = 0$

(1+1)

Group - B (Algebra)

Answer the following questions :

(3x10=30)

1. Find the continued product of $(a^2 + b^2)(a^2 - b^2)(a^4 + b^4)(a^8 + b^8)$

2. Prove that $(p+q)^4 - (p-q)^4 = 8pq(p^2 + q^2)$

3. Factorise : $3x^2 - y^2 + z^2 - 2xy - 4xz$

4. Factorise : $3x^4 + 2x^2y^2 - y^4$

5. Factorise : $64pm^2 - 49p(m-2n)^2$

6. Solve : $\frac{3x+1}{16} + \frac{2x-3}{7} = \frac{x+3}{8} - \frac{1-3x}{10}$

7. Solve : $\frac{x}{a} + b = \frac{x}{b} + a$

VII-Maths (E/M) (7)

8. Out of two numbers one is thrice the other. If 10 is added to the smaller number the sum becomes $\frac{3}{4}$ th of the other number. Find the two numbers.

9. Divide ₹ 170 among Manju, Kana and Amal in such a way that kana gets ₹ 30 less than twice the amount Manju gets and Amal gets ₹ 15 more than half the amount Kana gets. Find how much money each gets.

VII-Maths (E/M) (8)

10. If $x = \frac{a}{b} + \frac{b}{a}$ and $y = \frac{a}{b} - \frac{b}{a}$ then prove that $x^4 + y^4 - 2x^2y^2 = 16$.

Group - C (Arithmetic)

Answer the following questions :

(5x4=20)

1. Jakir has a 18m x 14m rectangular plot of land. There is a square portion of garden of sides 3.4 m. Find the area of the plot of land without the garden. Also find how many square tiles of side 2 dcm will be required to cover this vacant portion of land.

VII-Maths (E/M) (10)

4. A train takes 10 sec to pass a man standing on the platform 150 m long and passes the platform in 22 sec. Find the length and speed of the train.

Group - D (Geometry)

Answer the following questions :

(5x4=20)

1. i) Draw a right angled isosceles triangle ABC such that $\angle ABC=90^\circ$ and $AB = 7$ cm. (3)

ii) Write the difference between Rectangle and Rhombus. (2)

2. i) Find the number of diagonals of a hexagon. (1)

ii) In a parallelogram ABCD, $\angle A = 75^\circ$. What are the measures of $\angle B$ and $\angle C$. (2)

iii) Rhombus is a special type of _____ . (Fill up) (1)

iv) The diagonals of a parallelogram _____ each other. (Fill up) (1)

3. Draw a parallelogram LAND such that LA=6.6 cm ,AN=5.4cm and $\angle LAN=45^\circ$. (5)

4. i) Draw a rhombus BEST such that BS=6.8 cm and ET=5.8 cm. (4)

ii) Fill up :

A triangle has _____ number of diagonals. (1)



RAMAKRISHNA VIVEKANANDA MISSION

ENGLISH MEDIUM

Annual Examination - 2021

Class - VII

Subject – Physical Science

Full Marks : 2 hrs. 30 minutes

Full Marks : 100

Name : Roll No. : Sec :

1. Fill in the blanks : (1x15=15)

1.1. The chemical name of slacked lime is _____

1.2. Silver nitrate reacts with sodium chloride to form a white precipitate of _____

1.3. The formula of calcium bi carbonate is _____

1.4. $2Pb(NO_3)_2 \xrightarrow{\text{heat}} 2PbO + \text{_____} + O_2$

1.5. The Capacity of elements to combine with each other is called their _____

1.6. On new moon day _____ lies between the sun and _____

1.7. _____ is the natural phenomenon of shadow formation.

1.8. _____ eclipse is not seen in case of moon.

1.9. Buoyancy acts in the direction _____ to that of the weight of the body.

1.10. At any point liquid exerts _____ pressure in all directions.

1.11. Aurora is formed in _____ layer of the atmosphere.

1.12. Jet planes fly through _____ layer.

1.13. The full form of CFC is _____

1.14. The gases present in ionosphere remains in _____ state.

2. Write the correct answer from the given alternatives : (1x10=10)

2.1. The number of atoms present in one molecule of $[Ba(OH)_2]$ is _____

- i) 2 ii) 3 iii) 5 iv) 7

VII-Physical Science (E/M) (2)

2.2. $\text{NaCl} + \text{AgNO}_3 = \text{AgCl} + \text{NaNO}_3$, is a _____

- i) decomposition reaction ii) displacement reaction iii) double displacement reaction iv) none of these

2.3. The formula of nitrate ion is _____

- i) NH_4^+ ii) NH_3 iii) NO_3^- iv) N_2O

2.4. The orbital plane of the moon and the orbital plane of the earth makes an angle

- i) 10° with each other ii) 15° with each other iii) 5° with each other iv) 45° with each other

2.5. If the length of a pin-hole camera box is increased then the impression

- i) become smaller ii) becomes larger iii) remains same iv) none of these

2.6. If a ray of light incidents at an angle of 30° with the surface of plane mirror then the value of angle of reflection will be –

- i) 30° ii) 60° iii) 45° iv) 90°

2.7. Archimedes' principle is not applicable in case of –

- i) gas ii) liquid iii) a place having zero gravity

2.8. Which one is not a green house gas –

- i) CO_2 ii) N_2 iii) CH_4 iv) freon.

2.9. The zone of atmosphere from which radio waves get reflected –

- i) ozonospher ii) ionosphere iii) stratosphere

2.10. A balloon is filled with a gas and if the balloon does not go up, then the gas is –

- i) hydrogen ii) helium iii) carbondioxide

3. Answer the following :

(1x15=15)

3.1. Give an example of positively charged radical.

Ans :

3.2. Name an element which shows variable valencies.

Ans :

3.3. Write the latin name of sodium.

Ans :

3.4. What change in buoyancy occurs due to increase in volume of a body?

Ans :

3.5. What is the nature of upper surface of a liquid at rest?

Ans :

3.6. For what type of reflection, can we read books?

Ans :

3.7. What is the velocity of light in vacuum?

Ans :

3.8. If a ray of light incidents normally on a plane mirror then what will be the angle of reflection?

Ans :

3.9. What will be the nature of the penumbra of an opaque sphere in front of a point source of light?

Ans :

3.10. What is umbra?

Ans :

3.11. What is NOX?

Ans :

3.12. Who were the first discoverers of aeroplane?

Ans :

VII-Physical Science (E/M) (4)

3.13. Name two air pollutants.

Ans :

3.14. Which gases are present in ionosphere and in which state do they exist there?

Ans :

3.15. On the basis of which principle, aeroplane flies in the sky?

Ans :

4. Match right column with left column :

(1x10=10)

Left Column		right column	
4.1	$CaCO_3 = CaO + CO_2$	a	Positively charged ion
4.2	$CaCl_2 + Na_2SO_4 \rightarrow CaSO_4 + 2NaCl$	b	displacement reaction
4.3	$Zn + CuSO_4 \rightarrow ZnSO_4 + Cu$	c	electrically neutral
4.4	$N_2 + 3H_2 \rightarrow 2NH_3$	d	dichromate
4.5	Anion	e	decomposition reaction
4.6	Cation	f	lightest particle
4.7	HSO_4^-	g	direct combination reaction
4.8	Electron	h	bisulphate
4.9	$Cr_2O_7^{2-}$	i	double decomposition reaction
4.10	Neutron	j	negatively charged ion

5. Write the chemical formula of the following compounds using valencies :

(2x5=10)

5.1. Phosphorus penta chloride

Ans :

5.2. Sodium Zincate

Ans :

5.3. Magnesium bicarbonate

Ans :

5.4. Potassium dichromate

Ans :

5.5. Ammonium Phosphate.

Ans :

6. Answer the following questions :

(2x10=20)

6.1. What will happen when barium chloride solution is added to ferrous sulphate solution.

Ans :

6.2. Draw the structure of chlorine atom.

Ans :

6.3. Define with example reactants and products.

Ans :

6.4. Write down the laws of reflection of light.

Ans :

6.5. Why is screen of cinema made white and rough?

Ans :

6.6. An aeroplane flying at a high altitude does not cast its shadow on the ground - explain why?

Ans :

6.7. Iron ball sinks in water but a ship made of iron floats in water - explain why?

Ans :

6.8. Why is it easier to swim in sea water than river water?

Ans :

6.9. What is elevator? What is its use?

Ans :

6.10. Why a ballon can not go up above a certain height?

Ans :

VII-Physical Science (E/M) (9)

7. Answer the following :

(3x5=15)

7.1. Write down 3 characteristics of the image formed in a pin-hole camera.

Ans :

7.2. Write a short note on lunar eclipse.

Ans :

7.3. Write a short note on green house effect.

Ans :

7.4. Write a short note on ozonosphere.

Ans :

7.5. What is double decomposition reaction? Give an example.

Ans:

8. Describe with diagram the construction and working principle of a periscope.

(5)

Ramakrishna Vivekananda Mission

(English Medium)

Annual examination– 2021

CLASS- VII

SUBJECT – GK + EVS

Time – 1:30 Hrs

FM- 50

Gk

Group- A

1. Answer one or two words :

2×5=10

i) Mention the height of Mount Olympus ?

Ans-

ii) Which falls is situated on Zamberzi river ?

Ans-

iii) Which tomb is a landmark in Delhi ?

Ans-

iv) Who was the Miss Universe Winner in 2018 ?

Ans-

v) Name a Newspaper published Pakistan.

Ans-

Group- B

2.Fill in the blanks :

2×5=10

i) The longest Coral Reef of the World is _____.

Ans-

ii) _____ is a geysers situated in United State .

Ans-

iii) _____ was born in the city of Muzaffarpur in Bihar.

Ans-

iv) _____ is the recipient of UNICEF's Danny Kaye Humanitarian Awarded 2019.

Ans-

v) _____ was built in 1565 by Hameeda Begum in the memory of her husband.

Ans-

Group – C

3. Match the followings

1×5=5

A	B
i)Tallest Tree	a) Black Padoga
ii) Rajarajeshwar	b) Qutb-ud-din Aybak
iii) Slave King	c) World largest living structure
iv)King Narsimhdev	d) Redwood National Park
v) Great Barrier Reef	e) chola King

Ans-

EVS

Group-A

1. Answer the following questions :

2×5 = 10

i) What is Global Warming ?

Ans-

ii) What is Biodiversity ?

Ans-

iii) What do you know about coral Reef

Ans-

iv) Name some important glacier of Himalayas ?

Ans-

v) What are microbes ?

Ans-

Group-B

2. Fill in the blanks :

2×5=10

i) _____ like plants help in protecting the texture of soil .

Ans-

ii) Climatic changes can modify the natural _____ of an organism.

Ans-

iii) Ice of polar regions is melting fast due to _____.

Ans-

iv) _____ become affected due to the increase in acidity and temperature of the sea water.

Ans-

v) The existence of _____ is now in danger as a result of the demand of man for perfumes.

Ans-

Group-C

3. Write difference between Weather and climate. What is known as Biodiversity Hot Spot? 3+2=5

Ans-



RAMAKRISHNA VIVEKANANDA MISSION

ENGLISH MEDIUM
Annual Examination - 2021
Class - VII
Subject – Hindi

Full Marks : 2 hrs. 30 minutes

Full Marks : 100

Name : Roll No. : Sec :

1) शब्दों का अर्थ लिखो :

(8x2=16)

- | | |
|---------------|----------------|
| ● विजय _____ | ● जकड़ना _____ |
| ● अवसर _____ | ● बोली _____ |
| ● शिष्य _____ | ● गर्व _____ |
| ● किरात _____ | ● व्यतीत _____ |

2) शब्दों को वाक्य में प्रयोग करो :

(10x2=20)

- मूर्ख — _____

- मनुष्य — _____

- वीर — _____

- दुश्मन — _____

- बरतन — _____

VII-Hindi (E/M) (2)

- जीवन — _____

- विजय — _____

- अंधकार — _____

- शिष्य — _____

- पेड़ — _____

3) विलोम शब्द लिखो :

(6x1=6)

- तोड़ _____
- मूर्ख _____
- बंद _____
- पुरानी _____
- अपनी _____
- प्रसन्न _____

4) समानार्थी शब्द लिखो :

(6x1=6)

- दुश्मन _____
- राष्ट्र _____
- मठ _____
- व्याकुल _____
- मानव _____
- शिष्य _____

5) तुकान्त शब्द लिखो :

(5x1=5)

- प्यारी _____
- पीर _____

● तकदीर _____

● तोता _____

● जाते _____

6) निम्नलिखित वाक्य के सही कथन पर (✓) तथा गलत कथन पर (X) चिह्न लगाइए :

(5x1=5)

● बहेलिया बहुत ही क्रूर था।

● झनकू बहुत मूर्ख था।

● गुरुजी ने झनकू को बहुत प्यार किया।

● जब वर्षा बंद हुई तो सूर्य चमक उठा।

● पति की मृत्यु के शोक में कबूतरी भी आग में कुद पड़ी।

7) किसने, किससे कहा :

(2x3=6)

● “हमारे पास कोई रत्न नहीं है।”

● “अरे किरातों! ले लो, रत्न ले लो।”

- "हे प्रिंस! मैं यहाँ इस पिंजरे में कैद हूँ।"

8) निम्नलिखित प्रश्नों के उत्तर दीजिए :

(4x4=16)

i) कबूतर ने बहेलिए की सहायता कैसे की?

ii) झनकू ने क्या सोचकर धूपदहन नामक बर्तन लिया?

iii) तोता की बोली कैसी होती है? तोता को कैसा जीवन अच्छा नहीं लगता?

iv) कवि अपनी विजय को निश्चित क्यों मानता है? हम कैसे आगे बढ़ेंगे?

9) 'तोता' कविता की अंतिम दस पंक्तियाँ लिखो?

(10)

10) निबन्ध लेखन —

(10)

‘समय का सदुपयोग’

