

East point School
Class -9 biology
Assignment - 17

Q1. Draw a well labelled diagram of neuron?

Q2. Mention the function of neuron?

Q3. Describe the structure of Neuron

Q4. Cartilage matrix is made of -----

Q5. Why blood is called fluid connective tissue?

Q6. Mention the function of each blood cells

Q7. What is the composition of blood plasma .

Q8. Give one function of Lymph

Q9. How cartilage differ from bone

Q10. Difference between tendon and ligaments .

You tube :- <https://youtu.be/sKins25SEVk>

EAST POINT SCHOOL
IS MATTER AROUND US PURE?
CLASS 9
REVISION

1. Air is regarded as a mixture because:

- a) Its pressure may vary
- b) Its temperature may change
- c) Its volume changes under different conditions
- d) Its composition may vary

2. Which of the following is a suspension?

- a) Stainless steel
- b) Milk
- c) Chalk in water
- d) Soda water

3. The process used to separate oil and water is:

- a) Distillation
- b) Sublimation
- c) Separating funnel
- d) Chromatography

4. In which of the following the constituents are present in any ratio?

- a) Mixture
- b) Compound
- c) Solution
- d) Colloid

5. Camphor can be purified by:

- a) Distillation
- b) Filtration
- c) Sedimentation
- d) Sublimation

6. Which one of the following will result in the formation of a mixture?

- a) Crushing of a marble tile into small particles
- b) Breaking of ice cubes into small pieces
- c) Adding sodium metal to water
- d) Adding milk in water

7. Purity of a solid substance can be checked by its:

- a) Boiling point
- b) Melting point

- c)Solubility in water
- d)Solubility in alcohol

8.Which of the following is an example of a heterogeneous substance?

- a)Bottled water
- b)Table salt
- c)Pieces of copper
- d)Candle

9.Which of the following is an example of a homogeneous substance?

- a)Granite
- b)Copper sulphate
- c) candy
- d)Muddy water

10.Melting points can separate materials because:

- a)Substances melt at different temperatures
- b)Molecules vibrate rapidly when heated
- c)Heat causes molecules to disintegrate
- d)May substances fuse at the melting point

VIDEO LINK: [Solution, Suspension and Colloid | #aumsum #kids #science #education #children](#)

Revision Notes:

❖ Will the land sustain?

- Modern farming has overused the natural resource base.
- The Green Revolution is associated with the loss of soil fertility due to increased use of chemical fertilisers.
- Consumption of chemical fertilisers in Punjab is highest in the country.

❖ How is land distributed between the farmers of Palampur?

- One third of the 450 families are landless. Most of them are dalits and have no land for cultivation.
- Of the remaining families who own land, 240 families cultivate small plots of land less than 2 hectares in size.

❖ Who will provide the labour?

- Small farmers along with their families cultivate their own field.
- Medium and large farmers hire farm labourers to work on their fields.
- Wages are paid to the hired labour. Wages can be in cash or in kind.
- Wages are paid on a daily basis, for one particular farm activity like harvesting or for the whole year.

❖ Capital needed in farming

- Most small farmers need to borrow money for their capital.
- The rate of interest on such loans is high.
- The medium and large farmers have their own savings from farming.

Assignments

- 1) **What does 'Yield' mean?** (1)
- 2) **Who are large farmers?** (1)
- 3) **Who are medium farmers?** (1)
- 4) **Is it important to increase the area under irrigation? Why?** (3)
- 5) **Why are the wages for farm labourers in Palampur less than minimum wages?** (3)
- 6) **Describe the work of a farmer with 1 hectare of land.** (3)
- 7) **Modern farming methods require more inputs which are manufactured in industry. Do you agree?** (5)
- 8) **How is the use of chemical fertilisers harmful for the soil? Describe.** (3)

Video Links

- <https://www.youtube.com/watch?v=NT89K-NQNYo>
- <https://www.youtube.com/watch?v=cUoTuu1regE&t=16s>
- <https://www.youtube.com/watch?v=qPDeIGpElg0>
- <https://www.youtube.com/watch?v=2ZQbjraZfPI&t=143s>
- <https://www.youtube.com/watch?v=k-iWtZeIgYY&t=161s>
- <https://www.youtube.com/watch?v=XXxZzWoNa>
- <https://www.youtube.com/watch?v=Qk2yfGiB1pY&t=185s>

<https://www.youtube.com/watch?v=VtW3I3r0xj4>

EAST POINT SCHOOL

ENGLISH ASSIGNMENT

Q1. Read the following passage carefully and answer the questions given below.

Our house is filled with photos. They cover the walls of my kitchen, dining room and den. I see our family's entire history, starting with my wedding, continuing through the births of both sons, buying a home, family gatherings and vacations. When my sons were little, they loved to pose. They waved, danced, climbed trees, batted balls, hung upside down from the jungle gym and did anything for a picture. But when they reached adolescence, picture-taking changed into something they barely tolerated. Their bodies were growing at haphazard speeds. Reluctantly they stood with us or with their grandparents at birthday celebrations and smiled weakly at the camera for as short a time as possible.

I am the chronicler of our photographs. I select those to be framed and arrange the others in albums. The process is addictive, and as the shelves that hold our albums become fuller and fuller, I wonder what will become of them. Will anyone look at these photographs in future years? If my sons look at them, what will they think of us and of themselves? One bright afternoon, I took some photographs of my father with my husband as they fished in a lake near our vacation house. As my sons and I sat on the shore and watched them row away, I picked the camera up and photographed the beautiful lake surrounded by green trees. The two men I loved gradually grew smaller until all I could see were my father's red shirt, and the tan and blue caps on their heads.

I My father died a week later, and suddenly those photos became priceless to me. I wept when I pasted them in our album. I wept again afterwards when I saw my younger son looking at them. It was a few days before he went away to college. He had taken all our albums down from the bookshelves in the den and spread them out on the carpet. It had been a very long time since I had seen him doing this. Once he stopped posing for pictures, he seemed to lose interest in looking at them. But now he was on the verge of leaving home. This was his special time to look ahead and look back. I stood for a moment in the hall by the den, and then tiptoed away. I didn't take a photo of my son that afternoon, but I will remember how he looked for as long as I live. Some pictures, I learned, don't have to be taken with a camera.

1.1. Fill in the summary using one word only.

The author was (a) _____ about taking photographs and framing them. But she always (b) _____ whether her sons would ever look at them. She was full of (c) _____ when she pasted the pictures of her father's last days in the album. She learnt that some pictures always (d) _____ in one's mind without a camera.

1.2. Two examples that show that the author's sons were averse to taking photographs are:

(a) _____ (b) _____

3. Give words that mean the same as

- not organized or planned (**para 1**)
- one who records events in order (**para 2**)
- very valuable (**para 3**)

- continued engagement with an activity (para 2)

Q2. There is an error in each line. Write the incorrect word and the correction in the answer sheet as given below:

He start to complain about this wicked world, 1. _____
 but is interrupted by a knock at the door. 2. _____
 A girl came in and put an envelope on his desk. 3. _____
 It contains five hundred rupees. "I found this 4. _____
 outside this gentlemen's room", she said.

Q3. Complete the following passage by choosing the most appropriate options from the ones given below.

If the officer (1) _____ the bribe, he (2) _____ arrested. Now his family will also (3) _____ suffer. He must (4) _____ careful about it.

Options:

1. would not have taken / has not taken / did not take / had not taken
2. wouldn't have been / is not / will not be / wouldn't be
3. had to / get to / is to / have to
4. has been / have been / will have been / had been

Q4. Look at the comic strip and complete the passage given below.



The child called out to his mother to (a) The mother replied that (b) She asked her son if (c) Her son replied in the affirmative. He added that (d) The mother then wanted to know what (e) The child informed her (f)

Q5. The following paragraph has not been edited. There is one word missing in each line against which a blank is given. Write the missing word along with the word that comes before and the word that comes after it.

The children stayed at their grand
mother's place about a month 1. _____
Their mother not come back. 2. _____
Their grandmother no food for 3. _____
them. The bandits taken away everything 4. _____

East point school

Class:IXth

subject: social science (Geography)

Revision Assignment

1. A narrow channel of sea which separates two land masses is known as:

- (a) Mound
- (b) Pass
- (c) Strait
- (d) Valley

2. China is the largest country in the world?

- (a) Second
- (b) Fourth
- (c) Third
- (d) Seventh

3. The sun rays fall vertically on the Tropic of Cancer on:

- (a) 21 June
- (b) 22 December
- (c) 21 March
- (d) 22 July

4. Which of the following is the southernmost latitude of the Indian mainland?

- (a) 8° 4' North
- (b) 8° 4' South
- (c) 6° 4' South
- (d) 6° 4' North

5. When was Indira-Point submerged under water?

- (a) 2005

- (b) 2004
- (c) 2007
- (d) 2002

6. From Gujarat to Arunachal Pradesh the time lag is?

- (a) 2 hrs 35 min.
- (b) 2 hrs 10 min.
- (c) 2 hrs
- (d) 2 hrs 15 min.

7. What is the North-South extent of India?

- (a) 3214 kms
- (b) 2933 kms
- (c) 3241 kms
- (d) 3213 kms

8. The land mass of India has an area of Million square kms.

- (a) 7.68
- (b) 8.54
- (c) 3.28
- (d) 9.59

9. What is the Standard Meridian of India?

- (a) 82° 30' West
- (b) 82° 30' South
- (c) 82° 30' East
- (d) 82° 30' North

10. What is the latitudinal extent of India?

- (a) 8° 4' N to 37° 6' N
- (b) 6° 4' N to 37° 6' N
- (c) 7° 4' N to 36° 7' N
- (d) 8° 4' N to 39° 6' N

11. The Southernmost point of Indian mainland is?

- (a) Kavarati
- (b) Lakshadweep

- (c) Kanyakumari
- (d) ^{Indira} Point

12. Which country shares land boundaries with India in the west?

- (a) China
- (b) Nepal
- (c) Bhutan
- (d) Pakistan

13. What is IST?

- (a) Indian Stretchable Time
- (b) International Standard Time
- (c) Indian Stabilized Time
- (d) Indian Standard Time

14. Which is the capital of Andaman and Nicobar Islands?

- (a) Kavaratti
- (b) Pondicherry
- (c) Port Blair
- (d) Diu and Daman

15. The east-west extent of India is

- (a) 3000 kms
- (b) 2933 kms
- (c) 3010 kms
- (d) 2910 kms

16. India lies in which of the hemisphere?

- (a) Southern & Eastern
- (b) Northern & Eastern
- (c) Northern & Western
- (d) Southern & Western

17. Tropic of Cancer does not pass through?

- (a) Rajasthan
- (b) Chhattisgarh

- (c) Orissa
- (d) Tripura

18. The westernmost longitude of India is?

- (a) $82^{\circ} 30'$ East
- (b) $68^{\circ} 7'$ West
- (c) $68^{\circ} 7'$ East
- (d) $97^{\circ} 25'$ East

19. Indian state with the longest coastline on the eastern coast:

- (a) Tamil Nadu
- (b) Andhra Pradesh
- (c) Orissa
- (d) Jharkhand

20. Latitudinal and longitudinal extent of India is?

- (a) 33°
- (b) 35°
- (c) 30°
- (d) 32°

21. Kavarati is situated in?

- (a) Pondicherry
- (b) Diu and Daman
- (c) Andaman and Nicobar Islands
- (d) Lakshadweep

22. India is the largest country in the world.

- (a) Fifth
- (b) Sixth
- (c) Seventh
- (d) Eighth

23. Suez Canal was opened in the year

- (a) 1869
- (b) 1969

- (c) 1769
- (d) 1896

24. Total length of the coast line of the Indian mainland including Andaman and Nicobar and Lakshadweep is?

- (a) 7156.6 kms
- (b) 7516.6 kms
- (c) 7651.6 kms
- (d) 7566.6 kms

25. India has got no. of states and no. of union territories?

- (a) 28 States 5 union territories
- (b) 27 States 7 union territories
- (c) 28 States 8 Union Territories
- (d) 28 States 7 union territories

Video link:

https://www.youtube.com/watch?v=XF6yBhZ_7Fc

<https://www.youtube.com/watch?v=QmeZ5ngaRTU>

Activity: Mark states and their capitals on India political map .

विषय हिंदी / कक्षा 9/ असाइनमेंट 17
पुनरावृत्ति कार्य - लेखन कौशल
(उपसम्बन्धित - मिस सुजाता परमार)

लेखन कौशल:

1. संवाद लिखन अपने जीवन कल्प निर्धारण के बारे में दो मित्रों की बातचीत को संवाद के रूप में लिखिए। (15 अंक)
2. पाठ लेखन-भारतम के महान को देखते हुए अपने छोटे भई को पत्र लिखें।
3. मास लेखन- पीठ भारतम महान विषय पर 2 से 4 वाक्यों की टुकड़ों की एक टुकड़ा लिखें।
4. दिए गए पाठों को पढ़कर छोटे गद्य पत्रों के उत्तर दें--

सुहा दिनेश के बाद
अब की मेरी जी-अर देसी
पानी कुल्लारी कावलों की पुनरावृत्ति
सुहा दिनेश के बाद

सुहा दिनेश के बाद
अब की मेरी जी-अर देसी
पानी कुल्लारी कावलों की कांफेस-कंठी लान
सुहा दिनेश के बाद

सुहा दिनेश के बाद
अब की मेरी जी-अर देसी
मोहासिरी के डर-डर से लम्बे-टके हुए
सुहा दिनेश के बाद

सुहा दिनेश के बाद
अब की मेरी जी-अर देसी
अरुण-मिर्च-पाठकों की चंदनवालीं हूरा
सुहा दिनेश के बाद

सुहा दिनेश के बाद
अब की मेरी जी-अर लक्ष्मणान काव

मो सुखे जी-अर
सुहा दिनेश के बाद

सुहा दिनेश के बाद
अब की मेरी जी-अर देसी
पानी कुल्लारी कावलों की कांफेस-कंठी लान
सुहा दिनेश के बाद

प्रश्न 1. कवि ने सुहादिनेश को क्या करते देखा? उनका स्वर कैसा था?

प्रश्न 2. कवि ने किन सुहादिनेश को सुना? उनको विशेषताएँ लिखिए।

प्रश्न 3. कवि ने अपनी किन-किन सुहादिनेशों को पत्र लिखा और कैसे?

प्रश्न 4. पाठों के लिए उचित शीर्षक दें।

प्रश्न 5. कवि ने प्रस्तुत सुहादिनेशों में किसका वर्णन किया है?

TOPIC:-SOCIALISM IN EUROPE AND THE RUSSIAN REVOLUTION**METHODOLOGY:-** You tube link:-<https://www.youtube.com/watch?v=pYHp3xBGdNA>

:- PPT

SUB TOPIC:-After February and April Theses**BLACK BOARD SUMMERY:-**❖ **AfterFebruary**

- The liberals and the socialists along with the influential army officials, landowners and industrialists in the Provisional Government worked towards an elected government.
- **April, 1917: Vladimir Lenin** returned to Russia from his exile and presented his '*April Theses*'.
- April Theses contained three demands:
 - The closure of the war,
 - Transfer of lands to the peasants and
 - The nationalization of banks.
- In Industrial areas, factory committees were formed which questioned regarding the way industrialists ran their factories.
- Trade unions grew and soldier's committees were formed in the army
- The provisional government resisted attempts by workers to run factories and began arresting leaders.
- In the countryside, peasants and their socialist revolutionary leaders pressed for a redistribution of land.
- Peasants seized land between July and September 1917.

ASSIGNMENT:-

1. What was Lenin's of 'April theses'?

Or

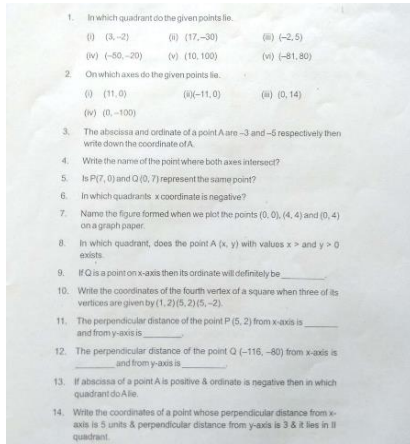
What were the demands of April Theses?

Or

Describe the three major demands of Bolsheviks during 1917.

2. What was the new name of St. Petersburg?

MATHEMATICS
REVISION ASSIGNMENT



VIDEOLINK: <https://youtu.be/PQrH5cQ4lqw>

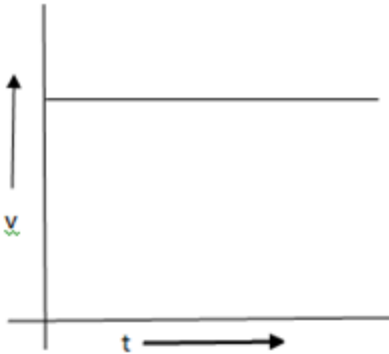
EAST POINT SCHOOL
CLASS –IX SUBJECT-PHYSICS
CHAPTER –MOTION (ASSIGNMENT)
BELOW AVERAGE

1. If the displacement of an object is proportional to square of time, then the object moves with:

- (a) Uniform velocity
- (b) Uniform acceleration
- (c) Increasing acceleration
- (d) Decreasing acceleration

Answer: (b) Uniform acceleration

2. From the given v-t graph, it can be inferred that the object is



- (a) At rest
- (b) In uniform motion
- (c) Moving with uniform acceleration
- (d) In non-uniform motion

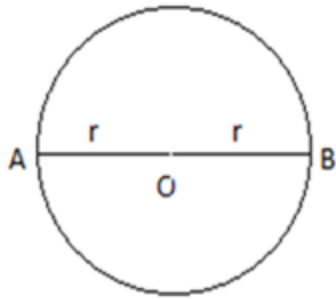
Answer: (b) In uniform motion

3. Suppose a boy is enjoying a ride on a merry-go-round which is moving with a constant speed of 10 m/s. It implies that the boy is:

- (a) At rest
- (b) Moving with no acceleration
- (c) In accelerated motion
- (d) Moving with uniform velocity

Answer: (c) In accelerated motion

4. A particle is moving in a circular path of radius r .



The displacement after half a circle would be:

- (a) Zero
- (b) πr
- (c) $2r$
- (d) $2\pi r$

Answer: (c) $2r$

5. Which of the following can sometimes be 'zero' for a moving body?

- i. Average velocity
- ii. Distance travelled
- iii. Average speed

iv. Displacement

- (a) Only (i)
- (b) (i) and (ii)
- (c) (i) and (iv)
- (d) Only (iv)

Answer:(c) (i) and (iv)

6. Which of the following statement is correct regarding velocity and speed of a moving body?

- (a) Velocity of a moving body is always higher than its speed
- (b) Speed of a moving body is always higher than its velocity
- (c) Speed of a moving body is its velocity in a given direction
- (d) Velocity of a moving body is its speed in a given direction

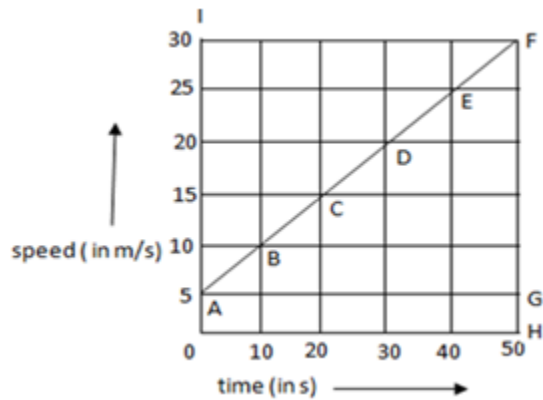
Answer:(d) Velocity of a moving body is its speed in a given direction

7. When a car driver travelling at a speed of 10 m/s applies brakes and brings the car to rest in 20 s, then the retardation will be:

- (a) + 2 m/s²
- (b) - 2 m/s²
- (c) - 0.5 m/s²
- (d) + 0.5 m/s²

Answer:(d) + 0.5 m/s²

8. The speed - time graph of a car is given here. Using the data in the graph calculate the total distance covered by the car.



- (a) 1250 m
- (b) 875 m
- (c) 1500 m
- (d) 870 m

Answer:(b) 875 m

9. A car of mass 1000 kg is moving with a velocity of 10 m/s. If the velocity-time graph for this car is a horizontal line parallel to the time axis, then the velocity of the car at the end of 25 s will be:

- (a) 40 m/s
- (b) 25 m/s
- (c) 10 m/s
- (d) 250 m/s

Answer:(c) 10 m/s

10. Which of the following is most likely not a case of uniform circular motion?

- (a) Motion of the earth around the sun
- (b) Motion of a toy train on a circular track
- (c) Motion of a racing car on a circular track

(d) Motion of hours' hand on the dial of a clock

Answer:(c) Motion of a racing car on a circular track

11. In which of the following cases of motions, the distance moved and the magnitude of the displacement are equal?

i. If the car is moving on a straight road

ii. If the car is moving in circular path

iii. The pendulum is moving to and fro

iv. The earth is moving around the sun

(a) only(ii)

(b) (i) and (iii)

(c) (ii) and (iv)

(d) only (i)

Answer:(d) only (i)

12. A car is travelling at a speed of 90 km/h. Brakes are applied so as to produce a uniform acceleration of -0.5 m/s^2 . Find how far the car will go before it is brought to rest?

(a) 8100 m

(b) 900 m

(c) 625 m

(d) 620 m

Answer:(c) 625 m

13. In a free fall the velocity of a stone is increasing equally in equal intervals of time under the effect of gravitational force of the earth. Then what can you say about the motion of this stone?

Whether the stone is having:

- (a) Uniform acceleration
- (b) Non-uniform acceleration
- (c) Retardation
- (d) Constant speed

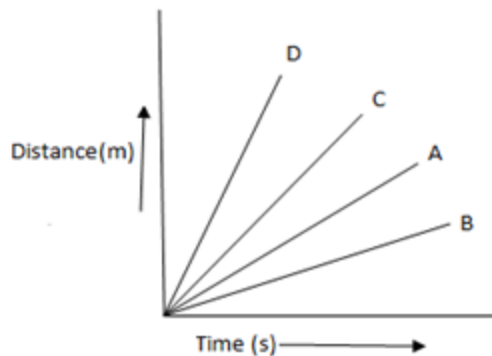
Answer:(a) Uniform acceleration

14. The numerical ratio of displacement to distance for a moving object is:

- (a) Always less than 1
- (b) Equal to 1 or less than 1
- (c) Always more than 1
- (d) Equal to 1 or more than one

Answer:(b) Equal to 1 or less than 1

15. Four cars A, B, C and D are moving on a levelled, straight road. Their distance time graphs are shown in the figure below. Which of the following is the correct statement regarding the motion of these cars?



- (a) Car A is faster than car D
- (b) Car B is the slowest

(c) Car D is faster than car C

(d) Car C is the slowest

Answer:(b) Car B is the slowest

AVERAGE

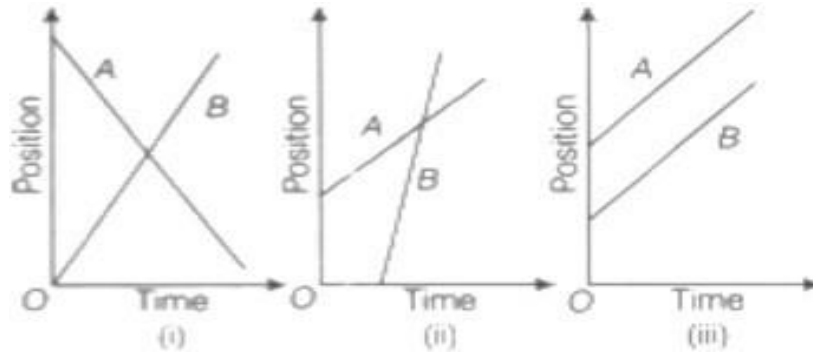
- Q1 A particle moving with constant acceleration along a straight line covers the distance between two points, 75 m apart, in 5 sec. its speed as it passes the second point is 20 m/s.
- a) What is its speed at the first point?
 - b) What is its acceleration?
- Q2 A train starting from a railway station and moving with uniform acceleration attains a speed 40 km/hr in 10 min. Find its acceleration.
- Q3 A bullet of mass 20g moving with a velocity of 200m/sec gets embedded in a wooden block of mass 80g. Calculate the velocity acquired by the block.
- Q4 A car falls off a ledge and drops to the ground in 0.5 sec. Let $g=10 \text{ m/s}^2$.
- a) What is its speed on striking the ground?
 - b) What is its average speed during 0.5 sec?
 - c) How high is the ledge from the ground?
- Q5 State the name of the object which has more inertia :
- a) A rubber ball and a stone of the same size.
 - b) an empty box another similar box filled with clothes.
- Q6 A person moves a distance of 3 km towards east ,then 2 km towards north and then 3.5 km towards east find (a) distance (b) displacement
- Q7 Mrinal walks 400 m east in two minutes turns and walks another 300 m in north in one and a half minute. Find his average speed and average velocity for the entire journey
- Q8 A motor boat starting from rest on a lake accelerates in straight line at a constant rate of 3m/s^2 for 8 s. How far does the boat travel during this time.
- Q9 Distinguish between speed and velocity.
- Q10 Draw the VELOCITY- time graph for a moving object
- (a) When the object is in uniform motion
 - (b) When the object is thrown vertically upward.

ABOVE AVERAGE

- Q1 A ball is dropped from the edge of a roof .If it takes 1 s to cross a window of height 7.9 m. Find the height of the roof above the top of the window.
- Q2 A train covers half of its journey with a speed of 30 m/s and the other half with a speed of 40m/s . Calculate the speed of the train during the whole journey
- Q3 A car starts with velocity 10 m/s and accelerates at 5ms^{-2} . Find the final velocity when the car has travelled a distance 30 m
- Q4 A Boy runs for 10 minutes at a uniform speed of 9 Km/h. At what speed should he run for next 20 min so that the average speed comes to 18 Km/h (ans -22km/h)

Q5 A stone is thrown in vertically upward direction with a velocity of 5 m s^{-1} . If the acceleration of the stone during its motion is 10 m s^{-2} in the downward direction, what will be the height attained by the stone and how much time will it take to reach there?

Q6 The position-time graphs of two objects A and B in three different situations for a particular duration are shown as below:



In which situation the distance between them will remain same?

- i. In which situation they are moving in opposite directions?
- ii. Is the velocity of object A positive or negative in situation (ii)?
- iii. Are they crossing each other in any situation(s)? If so, why?

POLITICAL SCIENCE

Revision

5marks

Q1 Explain the role of independent election commission.

Q2 Discuss the challenges to free and fair elections.

Q3 How can you say that democracy is the best form of govt?

Q4 Explain the making of Indian constitution.

Q5 Describe the Indian Preamble in detail.

VIDEO LINK: https://youtu.be/3a4akfp_5rw

