

FINAL TERM EXAMINATION
(2019-2020)
ACCOUNTANCY
CLASS -XI

Time: 3 Hours

Maximum Marks:

GENERAL INSTRUCTIONS:

1. This paper contains two parts A and B.
2. All questions are compulsory.
3. Question 1 to 13 and 22 to 28 consists of 1 marks each.
4. Question 14 and 29 consists of 3 marks each.
5. Question 15 to 18 and 30 consists of 4 marks each.
6. Question 19, 20 and 31 consists of 6 marks each.
7. Question 21 and 32 consists of 8 marks each.

PART-A

Q1. Which of these is not an example of current liability?

- (a) Accrued income
- (b) Outstanding expenses
- (c) Advance income
- (d) Bank overdraft

Q2. Purchases book is prepared for the recording of

- (a) Goods purchased
- (b) Assets purchased
- (c) Both (a) and (b)
- (d) Only credit purchases of goods

Q3. Depreciation charged on machinery ₹8,000. For this transaction which voucher is prepared?

- (a) Debit voucher
- (b) Credit voucher
- (c) Transfer voucher
- (d) Not in any voucher

Q4. Write any four examples of current assets.

Q5. Give any two transactions which are recorded in debit sale of the cash book.

Q6. An accounting voucher is prepared.

Q7. The rules of debit and credit same for both liability and capital .

Q8. Goods of ₹6000 withdrew by the proprietor for his domestic use.

Q9. Cash `10,000 and goods of `5,000 given away as charity.

Q10. Balance as per ledger account means balance as per.....

Q11. A bill of exchange has..... parties.

Q12. Stocks are counted in current assets but accrued income in current liabilities.

Q13. Overdraft balance of the pass book shows negative or credit balance of the bank balance.

Q14. "Accounting information should be comparable ". Do you agree with this statement? Give reasons.

Or

Explain any three objectives of accounting.

Q15. Enter any following transactions in a two column cash book.

Date	Particulars	Amt (`)
2019		
July 1	Cash in hand	3,50,000
July 3	Cash deposited into bank	40,000
July 5	Paid to Mahima	30,000
July 8	Goods purchased	40,000
July 10	Received from sohan lal	98,000
July 16	Goods sold	40,000
July 21	Paid to sawant	29,500
July 28	Paid wages for the month	50,000
	Paid in full settlement of `40,000 to sushil	39,000
July 29	Cash withdrawn from bank for office use	4,000
July 30	Salary paid through cheque	15,000

Or

Differentiate between trade discount and cash discount

Q16. "Business units last indefinitely." Mention and explain the concept on which the above statement is based.

Q17. Prepare accounting equation from the following information.

- Rama started business with cash `1,00,000 ; machinery `50,000 and goods `50,000.
- Sold $\frac{1}{2}$ of above stock (goods) at 10% profit for cash.
- Rent paid `500 ; outstanding salary `1,500.
- Remaining goods sold to suman at 10% profit on cost at 5% cash discount.

Q18. Pass the Journal entries for the following :

- Proprietor withdrew for his personal use, cash `22,500 and goods worth `7,500.
- Goods sold to Aradhya list price `50,000, trade discount 10% and cash discount 5%. The cash discount was availed by Aradhya.
- Ramesh is declared insolvent. Received from his official receiver a final dividend of 75 paise in a rupee on a debt of `1,00,000.
- Paid landlord `12,000 for rent. $\frac{1}{3}$ rd of the premises is occupied by the proprietor for his own residence.

Q19. Prepare a bank reconciliation statement from the following particulars and show the balance as per cash book.

- (1) Balance as per pass book on 31st December, 2018 overdrawn `20,000.
- (2) Interest on bank overdraft not entered in the cash book `2,000.
- (3) `200 insurance premium paid by bank has not been entered in the cash book.
- (4) Cheques drawn in the last week of December, 2018 but not cleared till date for `3,000 and `3,500.
- (5) Cheques deposited into bank on November, 2018 but yet to be credited on 31st December, 2018, `6,000.
- (6) Wrongly debited by bank `500.

Or

Prepare the ledger accounts of 'cash' and Rakesh from these given transactions.

2019

Jan31 Goods sold to Rakesh for `10,000.

Feb1 Bought goods from Naveen for cash `5,000.

Feb2 Rakesh returned goods of `500.

Feb3 Rakesh paid `8,000 in cash for full settlement of his debt.

Q20. On 1st January, 2019, Subhash accepted a month bill for `10,000 drawn on him by Jagdish for latter's benefit. Jagdish discounted the bill on same day at the rate of 8% per annum. On the due date, jagdish sent a intimation to Subhash to honour the bill. Subhash duly honoured his acceptance.

Record the journal entries in the books of jagdish and subhash.

Q21. The trial balance of Murari Ltd. Shows a difference of `6,000, the credit side being excess. The difference is subsequently found due to the following mistakes.

- (a) The purchase of an office table costing `40,000 had been passed through the purchase day book.
- (b) A motor car had been purchased for `68,000. Cash had been correctly credited but the motor car account had been debited with `62,800 only.
- (c) Interest on deposits received `1,200 had been debited in the cash account but had not been credited to the interest account.
- (d) The balance in the account of Mr. Rahim `2,000 had been written off as bad debt but no other account had been debited.

Give the necessary entries for rectification of errors and prepare suspense account.

Or

Priya Gold has purchased a machinery for `1,00,000 on 1st October, 2016. Another machine was purchased for `6,00,000 plus IGST @ 12% in cash on 1st April, 2018. Depreciation is charged @10% p.a. by the straight line method. Accounts are closed every year on 31st March. You are required to show machinery account 31st March. Prepare Machinery Account

PART-B

Q22. Freight inward of `4,000 is outstanding at the end of the year. Where it is recordable in final accounts?

- (a) Trading account and Balance sheet
- (b) Profit and loss account and Balance sheet
- (c) Trading account and Profit and loss account
- (d) Trading account(Debit) and Balance sheet(Assets)

Q23. Closing stock is given outside of the trial balance as book value `60,000 and market value of `80,000 at 31st March, 2019. It will be recorded in balance sheet at what amount? (1)

- (a) `60,000
- (b) `80,000
- (c) `20,000
- (d) `1,40,000

Q24. When the closing stock is given outside of the trial balance, it should be recorded in?

Q25. Balance sheet of a sole-proprietorship business is prepared to know about the actual profit or loss of the business. Is it true or false? (1)

Q26. Why profit or loss account of a business is prepared?

Q27. Give journal entry to record the creation for provision for bad debts account.

Q28. Match the following; (1)

- | | |
|--------------------|------------------------|
| 1. Return inward | a) Balance sheet |
| 2. Return outward | b) less from sales |
| 3. Unearned income | c) less from purchases |

Q29. State whether the following statements are items of capital or revenue expenditure, with reason.

- (1) Expenditure incurred on repairs and white washing at the time of purchase of an old building in order to make it usable.
- (2) Registration fees paid at the time of purchase of a building.
- (3) Depreciation on plant and machinery

Or

Calculate the gross profit from the following for 50% goods sold.

Total purchases during the current year are `9,00,000, Return outward `50,000, Lighting `30,000, wages `80,000 and Electricity `8,000 and 1/2nd goods are sold for `8,00,000.

Q30. Differentiate between double entry system and single entry system?

Or

Differentiate between balance sheet and statement of affairs?

Q31. Vansh started a firm on 1st April, 2019 with a capital of `60,000. On 1st July, 2019, he borrowed from his wife a sum of `24,000 @9% p.a. (interest not yet paid) for business and introduced a further capital of his own amounting to `9000. On 31st March, 2020, his position was; cash `3,600, stock `56,400, debtors `42,000, creditors `36,000 and furniture `10,000.

Ascertain his profit or loss taking into account `12,000 for his drawings during the year. Depreciation on furniture by 10% `500 is irrecoverable from debtors and provide 5% for doubtful debt.

Q32. Following balances have From the following trial balance, extracted from the books, prepare trading and profit and loss account for the year ended 31st March, 2019 and balance sheet as at that date

Name of Accounts	Amt (Dr)	Amt(Cr)
Capital	-----	2,70,000
Drawings	19,440	
Land and building	75,000	
Plant and Machinery	42,810	
Furniture and fixtures	3,750	

Carriage inwards	13,110	
Wages	64,410	
Salaries	14,010	
Provision for bad debts		7,410
Sales		2,73,690
Sales return	5,280	
Bank charges	420	
Gas and water	2,160	
Rates and taxes	2,520	
Discount		360
Purchases	1,26,480	
Purchases return		25,380
Bills receivable	3,810	
Trade expenses	5,970	
Sundry debtors	1,13,400	
Sundry creditors		36,510
Stock (1 st April,2018)	79,260	
Apprentice premium		1,500
Fire insurance	1,470	
Cash at bank	39,000	
Cash in hand	2,550	
Total	6,14,850	6,14,850

Adjustments

Charge depreciation on land and building at $2\frac{1}{2}\%$ on plant and machinery at 10% and on furniture and fixtures at 10% .
 Make provision of 5% on debtors for doubtful debts. Carry forward the following unexpired amounts.

- (a) Fire insurance `375
- (b) Rates and taxes `720
- (c) Apprentice premium `1,200
- (d) Closing stock `88,170

FINAL TERM EXAMINATION
(2019-2020)
SUBJECT-BUSINESS STUDIES
CLASS -XI

Time: 3 Hours

Maximum Marks: 80

General Instruction:

- (i) This Question paper contains five Sections–A, B, C, D & E.
- (ii) Section–A contains Questions 1 to 20 carrying one mark each.
- (iii) Section–B contains Questions 21 to 25 carrying 3 marks each. Answers to these Questions in 50 -75 words.
- (iv) Section–C contains Questions 26 to 28 carrying 4 marks each. Answers to these Questions in 120 words.
- (v) Section–D contains Questions 29 to 31 carrying 5 marks each. Answers to these Questions in 150 words.
- (vi) Section–E contains Questions 32 to 34 carrying 6 marks each. Answers to these Questions in 200-250 words.

SECTION-A

1. Among which of the following occupations, people work for others and get remuneration in return:

- (a) Business
- (b) Employment
- (c) Profession
- (d) None of these

2. Among the following given activities, which one is not an economic activity:

- (a) Social welfare
- (b) Trading in goods and services
- (c) Transportation services
- (d) Manufacturing of goods for sale

3. Sole proprietors have liability.

4. The Head of the joint Hindu family business is called

- (a) Proprietor
- (b) Director
- (c) Karta
- (d) Manager

5. Business finance refers to the requirements of funds by business to carry out its various activities. Hence, finance is called the life of any business.

- (a) Blood
- (b) Brain
- (c) Heart
- (d) None of these.

6. What is the maximum amount that can be invested in equipment by a Medium enterprise engaged in rendering services?
(a) 2 crore rupees (b) 3 crore rupees (c) 4 crore rupees (d) 5 crore rupees
7. Which of the following is not a reason for trade between nations:
(a) Specialisation
(b) Cost of production
(c) Differences in natural resources and geographical conditions
(d) None of the above
8. Global enterprises have an impact on international economy. You are asked to identify the feature of global enterprises:
(a) Huge capital resources (b) Product innovation (c) Both a & b (d) None of the above
9. What makes a company a favorable avenue for investment purpose?
10. The production and consumption of services should take place simultaneously. Identify the feature of service.
11. The directors of a company are of the view that fixed capital can be used to meet day-to-day operational expenses of business. Whether they are correct or not and why?
12. In which type of business finance are debentures included?
(a) Long-term source
(b) Short-term source
(c) Both (a) and (b)
(d) None of the above
13. _____ business involves manufacturing and trade beyond the boundaries of one's own country.
14. Business firms generally outsource some of their activities. What type of activities are generally outsourced by them?
15. After making compensation for the loss, the insurer steps into the shoes of the insured. Which principle of insurance is being mentioned here?
16. In which year was Separate Department of Environment created by government of India:
(a) 1986 (b) 1956 (c) 1980 (d) 1990
17. Vineet and Vivek are members of a social organization. They are planning to start a programme to make people aware regarding how to reduce the pollution caused by automobiles. Suggest them any one measure regarding the same.

18. Mr. X wants to start a sole proprietorship firm. He is analyzing different sources of finance. Help him in identifying the source of finance which involves high financial risk for the business enterprise.
19. Many organisations are using various financial instruments to raise money in international capital market. Name any two financial instruments used for this purpose.
20. Raj is the owner of a textile firm. Which economic activity is being carried by him and to which industry does it belong?

SECTION -B

21. How does the government maintain a regional balance in the country?
22. "Life Insurance contract is not the contract of indemnity". Why?
23. Briefly explain the obligations of business towards consumers.
24. Siya after completing her MBA from IIM Kolkata decided to join her father's business of spices in Rajasthan. She found that her father's business could be expanded to different states of India by conducting it on-line also. She shared her plan with her father. Explain briefly any three basic requirements for starting e-business.
25. How does small business enjoy advantage of low cost of production and develop entrepreneurial skills?

OR

How does market information provided by the wholesalers benefits the manufacture?

SECTION -C

26. Ravi is an Economics student. He is confused among the terms business, profession and employment, since all are done to earn money. Make his doubts clear by comparing business with profession and employment on any four basis.
27. How does Outsourcing represent new mode of business?
28. Enumerate the main features of retail trade.

OR

What are the objectives of GST?

SECTION -D

29. "One man control is the best, if that man is able to manage everything." Do you agree? Justify your views.

OR

Discuss the limitations of electronic mode of doing business. Are these limitations severe enough to restrict its scope? Give reasons.

30. State the difference between departmental stores and multiple stores.

OR

Explain any five features of co-operative society.

31. Discuss the forces which are responsible for increasing concern of business enterprises towards social responsibility.

SECTION -E

32. Explain the following terms:

- a) Perpetual Succession
- b) Common Seal.

OR

Discuss the factors affecting choice of suitable source of funds.

33. What are the functions of WTO. Explain.

OR

Discuss the import procedure.

34. In 2005, Bharti and Airtel joined their hands and proved that they are the biggest players in the telecom sector. Identify this example is related to which type of enterprises. Elaborate its concept and features (any four) in your own words.

FINAL TERM EXAMINATION
(2019-20)
ECONOMICS
CLASS-XI

TIME: 3 Hours

Maximum Marks: 80

General Instructions:

1. Marks for questions are indicated against each question
2. Question No.1-10 and 18-27 are very objective type questions carrying 1 mark each.
3. Question No.11-12 and 28-29 are short answer questions carrying 3 marks each. Answers to them should not normally exceed 60 words each.
4. Question No.13-15 and 30-32 are also short answer questions carrying 4 marks each. Answers to them should not normally exceed 70 words each.
5. Question No.16-17 and 33-34 are long answer questions carrying 6 marks each. Answers to them should not normally exceed 100 words each.
6. Answers should be brief and to the point and the above word limit be adhered to as far as possible.

SECTION-A: INTRODUCTORY MICRO-ECONOMICS

1. Define opportunity cost. (1x10)
2. What happen to MU when TU is maximum ?
a)MU is negative b)MU is zero c)MU is decreasing d)MU is increasing
3. Law of variable proportions is also known as :
a)Law of return b>Returns to variable factors
c) law of returns to factor d)All of these
4. In which phase of law of variable proportion , a rational firm aims to operate ?
5. If MC is equal to MR at two output levels ,then any one of the output level can be taken as state of producer equilibrium.(State true and false)
6. Increase in supply of a product is caused by:
a)Improvement in technology b)fall in the prices of other goods
c)Fall in prices of factors of production d)All of these.
7. What are substitute goods ?
8. The demand curve for a firm under oligopoly is indeterminate.(State true and false with reason)
9. Under which market form , firm is a price taker ?
a)Perfect competition b)Monopoly
c)Oligopoly d)Perfect competition
10. Increase in price of substitute good leads to :
a)Expansion of demand b) Increase in demand
c)Decrease in demand d)Contraction of demand
11. Discuss the concept of production possibility curve through schedule and diagram. (3)
12. Distinguish between Increase in demand and Expansion in demand
OR
What is market demand ? State any 2 factors causing increase in market demand . (3)
13. Explain the relationship between average variable cost and marginal cost with the help of a diagram.
OR

- What is producer equilibrium ? Explain the condition of producer equilibrium with the help of diagram . (4)
14. The supply for a good is 50 units at the price of rupees 10. When prices by rupees by 5 , supply also rises by 50 units. Calculate price elasticity of supply . (4)
15. Explain the following :
- a) Free entry and exit feature of perfect competition
- b) Differentiated product feature of monopolistic competition.
16. What does the Law of variable proportion show ? State the behavior of MP and TP according to this Law. (6)
17. How is equilibrium price of a commodity determined? Suppose there is excess demand and Excess supply, how will the equilibrium price be reached? Explain with the diagram.

OR

With the help of diagram explain the effect of “decrease “ in demand and supply of a commodity on its equilibrium price and quantity ? (6)

SECTION –B: STATISTICS FOR ECONOMICS

18. According to ____, ‘Economics is the science of wealth’. (1x10)
- a) Adam Smith b) Alfred Marshall c) Prof. Samuelson d) Lionel Robins
19. Name an government agency which collects, process and tabulate data at national level .
20. After every 10 years ,information regarding population of India is collected through :
- a) Census b) Sample c) Both a and b d) neither a and b
21. Define Economic activities
22. State one characteristic of Diagrammatic presentation.
23. Data collected from ‘The times of India ‘ is a an example of :
- a) Primary data b) Secondary data
- c) Census d) None of these
24. An attribute is :
- a) Qualitative characteristic b) Quantitative Characteristic
- c) Measurable characteristic c) All of the above
25. Which Bar diagram is used to show two or more characteristic of the data?
26. Calculate Q1 of the following:
- 12,19,33,46,23,10,8
27. What is meant by negative correlation?
28. Represent the following data with the help of suitable bar diagram : (3)

YEAR	WHEAT	RICE	COTTON
2017	35	67	10
2018	15	25	78
2019	40	34	57

29. Make histogram and frequency polygon from the following distribution: (3)

Class Interval	0-5	5-10	10-15	15-20	20-25
frequency	7	12	18	25	10

30. Find out the mean deviation from the Median of the following (4)

Marks	10	11	12	13	14
No. of students	3	12	18	12	3

OR

Calculate mean deviation from the mean of the following:

Class Interval	Frequency
Less than 10	5
Less than 20	12
Less than 30	20
Less than 40	35
Less than 50	54

31. Calculate Standard deviation from the following series (use assumed mean method) : (4)

Class	0-20	20-40	40-60	60-80	80-100
Frequency	2	4	3	8	3

32. Calculate Mode of the following data: (4)

Marks	10	20	30	40	50	60
No of students	90	87	78	60	30	12

33. Calculate Laspeyre's and Paasche's index numbers from the following : (6)

Commodity	Prices (2005)	Quantity (2005)	Prices (2019)	Quantity (2019)
A	20	25	10	4
B	17	10	8	28
C	11	15	6	24
D	7	10	5	15

34. Calculate the coefficient of correlation from the following data by different method . (6)

X	2	4	6	8	10	12
Y	3	6	9	12	15	18

OR

Calculate spearman 's rank correlation of coefficient from the following data:

X	90	88	75	74	70	65	62
Y	18	25	34	34	42	38	47

SECTION D – LITERATURE

(30Marks)

Q9. Read the extracts given below and answer the questions, choosing the best option from those given below: **(any one extract)**

(Mention the extract no. being attempted)

(1 × 3=3)

“When did my childhood go?
Was it when I found my mind was really mine,
To use whichever way I choose,
Producing thoughts that were not those of other people
But my own and mine alone
Was that the day!”

- a) What does the poet want to know?
- b) Explain “my mind was really mine”.
- c) What has the poet decided?

OR

“I am the poem of the earth, said the voice of the rain,
Eternal I rise impalpable out of the land and the bottomless sea”.

- a) Who is the speaker in the above lines? Who is “I” speaking to?
- b) Why does the rain call itself “impalpable”?
- c) Find out words from the extract which mean the same as:

- 1. Ever-lasting
- 2. Which cannot be seen

Q10. Answer these questions in about 40-50 words each **(3 × 5= 15)**

- 1. What impression of Shahid do you gather from the piece?
- 2. Mention the two ways in which the author’s grandmother spent her days after he grew up.
- 3. Explain the concept of shanshui.
- 4. How did Einstein’s medical prove useless.
- 5. Why did Crocker-Harris not disclose the results like the other teachers?

Q11. Answer any **ONE** of the following in about 100- 120 words. **(6)**

How did Rajendra Deshpande apply his theory of Catastrophic experience regarding the Battle of Panipat?

OR

What difficulties did the author encounter and overcome when he set out to reach Mount Kailash?

Q12. Answer the following questions in about 100-120 words. (6)

i. What dilemma did Dr. Andrew felt soon after the birth of Mrs. Morgan's child?

OR

ii. Compare Elsa and Einstein view of education.

FINAL TERM EXAMINATION
(2019-2020)
MATHEMATICS
CLASS -XI

Time: 3 Hours

Maximum Marks: 90

General Instruction:

- (i) All questions are compulsory.
- (ii) The question paper consists of 29 questions divided into four sections A, B, C and D. Section A comprises of 10 questions of one mark each, Section B comprises of 8 questions of two marks each, Section C comprises of 6 questions of four marks each and Section D comprises of 5 questions of six marks each.
- (iii) All questions in Section A are to be answered in one word, one sentence or as per the exact requirement of the question.
- (iv) There is no overall choice. However, internal choice has been provided and You have to attempt only one of the alternatives in all such questions.
- (v) Use of calculators is not permitted. You may ask for logarithmic tables, if required.

SECTION : A

Question numbers 1 to 10 carry 1 mark each.

Q1. Find The value of $\sin \frac{31\pi}{3}$?

Q2. Find the multiplicative inverse of $\sqrt{5} + 3i$?

Q3. Find the derivative of $f(x) = x \sin x$.

Q4. If $P(A) = 0.54$, $P(B) = 0.69$ & $P(A \cap B) = 0.35$ find $P(A \cup B)$?

Q5. A committee of 7 has to be formed from 9 boys and 4 girls. In how many ways can this be done when the committee consists of exactly 3 girls .

Q6. Find the middle terms in the expansion of $(\frac{x}{3} + 9y)^{10}$.

Q7. Find the slope of line joining the points (2,1) and (4,5) .

Q8. Find the eccentricity of conic section: $\frac{x^2}{100} - \frac{y^2}{400} = 1$

Q9. Find the domain of the function $f(x) = \sqrt{2x + 1}$

Q10. Write the formula to find the co-ordinate of centroid of triangle whose vertices are (x_1, y_1, z_1) , (x_2, y_2, z_2) and (x_3, y_3, z_3) .

SECTION : B

Question numbers 11 to 18 carry 2 marks each.

Q11. Find the derivative of following function : $y = \frac{x}{\sin^n x}$

Q12. Let f and g are two real valued functions defined respectively by

$$f(x) = 2x + 1, \quad g(x) = x^2 - 5, \quad \text{find } (f+g)x, (f-g)x .$$

Q13. Find Mean Deviation about Median of the following data: 4,7,8,6,5,3,1.

Q14. Find the equation of the line parallel to the $3x - 4y + 2 = 0$ and passing through the point $(-2, 3)$?

Q15. In how many ways can the letter of the word PERMUTATIONS be arranged if the - (i) Words start with P and end with S. (ii) There are always 4 letter between P and S.

Q16. Find the general solution for the equation $\sec^2 2x = 1 - \tan 2x$.

Q17. If $(1 + i)^3 = u + iv$, Find u and v .

Q18. Find the equation of the circle passing through the point $(4, 1)$ and whose centre is $(6, 5)$.

SECTION : C

Question numbers 19 to 24 carry 4 marks each.

Q19. Prove that: $\cos^2 x + \cos^2(x + \frac{\pi}{3}) + \cos^2(x - \frac{\pi}{3}) = 3/2$.

Q20. Prove that the coefficient of x^n in the expansion of $(1 + x)^{2n}$ is twice the coefficient of x^n in the expansion of $(1 + x)^{2n-1}$.

Q21. Graphically solve the following system of linear equations, $3x + y \leq 66,000$, $x + y \leq 45,000$, $x \leq 20,000$, $y \leq 40,000$ and $x \geq 0$, $y \geq 0$

Q22. Find the equation of the set of points P such that its distances from the points A $(3, 4, -5)$ and B $(-2, 1, 4)$ are equal.

Q23. Let $A = \{1, 2, 3, \dots, 14\}$ Define a relation R from A to A by $R = \{(x, y) : 3x - y = 0, \text{ where } x, y \in A\}$. Write down its domain, co-domain and range.

Q24. Three coins are tossed once. Find its Sample space and the probability of getting (i) exactly two tails (ii) exactly three tails?

SECTION : D

Question numbers 25 to 29 carry 6 marks each.

Q25. Calculate Mean, Variance and Standard deviation for the following distribution.

Classes	20-30	30-40	40-50	50-60	60-70	70-80	80-90
Frequency	3	7	12	15	8	3	2

Q26. Find the image of the point $(3, 8)$ w.r.t the line $x + 3y = 7$ assuming, the line to be a plane mirror.

Q27. Two Students Anil and Ashima Appeared in an Examination. The Probability that Anil will qualify the examination is 0.5 and that Ashima will qualify the examination is 0.10. The probability that both will qualify the examination is 0.02. Find the probability that (i) Both Anil and Ashima will not qualify the examination. (ii) At least one of them will not qualify the examination. (iii) Only one of them will qualify the examination.

Q28. Find the coordinate of the foci, the vertices and length of major axis and minor axis, the eccentricity and the length of the latus rectum of the ellipse: $\frac{x^2}{100} + \frac{y^2}{400} = 1$

Q29. Find the derivative of the following Function by using First Principle. (i) $f(x) = \sin(x)$ (ii) $f(x) = \tan(x)$.

OR

Find the derivative of Function $f(x) = \frac{2x+3}{x-2}$ by using First Principle.

FINAL TERM EXAMINATION
(2019-2020)
SUBJECT – PHYSICAL EDUCATION
CLASS -XI

Time 3: Hours

Maximum Marks70

General instructions:-

- Question paper contains 34 questions.
- All questions are compulsory.
- Question no 1 to 20 carry 1 mark each
- Question no 21 to 30 carry 3 marks each
- Question 31 to 34 carry 5 marks each

Q1. Which one of the following is not a component of wellness?

- | | |
|--------------------|-----------------------|
| a. Mental wellness | c. Maximum wellness |
| b. Moral wellness | d. Emotional wellness |

Q2. Who was the first president of Indian Olympic association?

- | | |
|----------------------|---------------------|
| a. Sir Dorab Ji Tata | c. Jawaharlal Nehru |
| b. Sardar Patel | d. Mahatma Gandhi |

Q3. The 2020 Olympic Games will be held in.

- | | |
|---------------|----------|
| a. Los Angles | c. India |
| b. Mexico | d. Tokyo |

Q4. Who is known as the father of modern Olympic?

- | | |
|----------------------|-----------------------|
| a. Prof. Jigaro Kino | c. Sir Dorab ji Tata |
| b. Jack Rogges | d. Perrie D Coubertin |

Q5. How many rings are there in Olympic flags?

- | | |
|----------|---------|
| a. Three | c. Two |
| b. Five | d. Four |

Q6. Special Olympic Bharat started in?

- | | |
|---------|---------|
| a. 2001 | c. 1948 |
| b. 1995 | d. 2005 |

Q7. Deaf Olympic started in?

- | | |
|---------|---------|
| a. 1960 | c. 1947 |
| b. 1924 | d. 2001 |

Q8. The Headquarter of Paralympicis situated in?

- a. Paris b. Germany c. New York d. Denmark

Q9. Inclusion is needed for?

- a. Hearing Impaired b. Blind people c. Loss of Limbs d. All of these

Q10. Which of the following is not an Asana?

- a. Kapalbhathi b. Shashankasana c. Trikonasana d. Naukasana

Q11. Which of the following are adventure sports?

- a. Trekking b. Paragliding
c. Surfing d. All the above

Q12. Find one word answer for the statement 'Raise your heal,stand erect,raise your arms'?

- a. Padmasana b. Tadasana
c. Garudasana d. Shashankasana

Q13. Which is not a quality of a good Leader?

- a. Autocratic c. Dictator
b. Both d. None of the above

Q14. Who has a pear shape body?

- a. Endomorphc. Mesomorph
b. Ectomorph d. All the above

Q15. Body weight=50kg, Height=155cm, Find the BMI?

- a. 20.81 c. 19.81
b. 21.53 d. 23.02

Q16. BMI of a person is 32.50 he is?

- a. Overweight b. Obesity grade-1
c. Healthy d. Underweight

Q17. Ball and socket joint is situated at?

- a. Shoulder c. Neck
b. Wrist d. Knee

Q18. A 19 year old boy fall in the category of?

- a. Late childhood b. Adolescence
c. Infancy d. Naukasana

Q19. Which of the following is not a sign of growth?

- a. Increase in height
- b. Increase in talking
- c. Increase in weight
- d. Increased hair length

Q20. Which is a method of warming up?

- a. Sauna bath
- b. stretching
- c. Jogging
- d. All the above

Q21. What are the objectives of Indian Olympic Association?

Q22. What steps should be taken to implement Inclusion education in India?

Q23. Explain the principles of Adapted Physical education?

Q24. Specify the qualities of good leader?

Q25. Explain the objectives of adventure sports?

Q26. What are the properties of muscles?

Q27. Explain the functions of skeletal system?

Q28. Define the phenomena of second wind. Explain the causes and symptoms?

Q29. What are the side effects of Prohibited substances?

Q30. Explain the benefits of warming up?

Q31. How can we prevent the health threats through life style change?

Q32. Explain the procedure of Yoga Nidra. What are the benefits of practicing Yoga Nidra?

Q33. What is the importance of test, measurement and evaluation?

Q34. What is the difference between growth and development?