



THE INDIAN COMMUNITY SCHOOL KUWAIT – KHAITAN

Dear Parent,

We are glad to inform you that K-RAYS, our exhibition of projects on Science, Mathematics, Social Science, English, Hindi, French, EVS, Computer Science, Art, Music, Dance, Arabic, Islamic Studies and Sports is going to be re-launched after a gap of two years. It is going to be organized on Thursday, 17th October, 2019 from 04:00 pm to 08:00 pm in our campus. All students from LKG to XI are expected to participate as it is going to be a rich learning experience for them. It will also provide an opportunity for innovative thinking. The participation is optional for class X and XII students.

A child may submit minimum 1 project and maximum of 2 individually or as a team. These projects shall be considered as their SEA (Subject Enrichment Activity) for that respective subject. Marks shall be awarded for the same. A child doing a project in a particular subject is exempted from the vacation assignment of that subject. Class wise/ subject wise topics are suggested along with the vacation assignments below.

All projects are to be submitted to the concerned subject teachers after the vacation. The best 10 projects from each class shall be selected, to be exhibited in K-RAYS. Class wise best 3 projects will be awarded prizes.

Please note:

- The student has to submit the vacation assignments on his/her first reporting day after the vacation. Any delay in this shall be penalized by deducting 1 mark per day.
- The project/ exhibit should be an original work done by an individual student or a team of maximum 4 students.
- As far as possible, innovative working models should be submitted, mere charts/still models will not be preferred.
- Commercially available models will not be allowed unless it is an integral part of the exhibit.
- Highly inflammable materials, any unsafe apparatus or device will not be allowed.
- First submission of the K-Rays projects is on 10th September, 2019.
- In case your ward's project is selected, you may make any modification, or prepare any supporting materials (charts, ppt. etc) if required, before the exhibition.

Thanking you.
With best regards,



Principal

26 /05/2019


THE INDIAN COMMUNITY SCHOOL, KUWAIT
HOLIDAY ASSIGNMENT 2019-CLASS XII COMMERCE

ENGLISH

Q1. (a) Read at least three short reports in any English newspaper. Cut and paste them in your note-book. On the basis of your reading of these reports, make notes on them in points only, using headings and sub-headings and also suggest a suitable title. Use recognizable abbreviations wherever necessary. (Note Making)

(b) Make a summary of these passages in not more than 80 words.

Q2. You want to sell your car as you are going abroad. Draft a suitable advertisement to be published in a national daily.

Q3. Water is precious and each one of us must stop wastage. Design a poster in not more than 50 words urging people to employ various methods of rain water harvesting in their colonies.

Q4. You lost your bus pass in the school. Write a notice in not more than 50 words giving details of the pass and the probable time of the day you lost it.

Q5. You are Raman of Model Sr. Sec. School, Delhi. You visited International Book Fair organized from 14th Nov to 29th Nov 2017 at Pragati Maidan by Delhi administration. Write a brief report in 125-150 words giving all the details about its objective, types of books, publishers, arrangements etc., for your school magazine.

All work should be in manuscript (handwritten) and presented neatly in a folder.

SUMMER VACATION ASSIGNMENT, 2019-20 BUSINESS STUDIES–XII

INSTRUCTIONS:

- ✓ **Assignment submission date: Aug 25th, 2019.**
- ✓ **Assignment to be done on loose sheets and should be properly filed in a folder.**
- ✓ **Assignment should be hand written and not a photocopy.**
- ✓ **All questions should be attempted.**

1. Suppose, a company's target production is 5000 units in a year. To achieve this target the manager has to operate on double shifts due to power failure most of the time. The manager is able to produce 5000 units but at a higher production cost. According to you what is lacking in management?

2. The production manager of Bharat Ltd. instructs a salesman to go slow in selling the product, whereas the marketing manager is insisting on fast selling to achieve the target. Which principle of management is being violated in this case? State the consequences of violation of this principle.

3. Hina and Harish are typists in a company having same educational qualifications. Hina is getting Rs. 30,000 per month and Harish Rs. 40,000 per month as salary for the same working hours. Which principle of management is violated in this case? Name and explain the principle.
4. The production manager of an automobile company asked the foreman to achieve a target production of 200 units (scooters) per day. But he did not give him the authority to requisition tools and materials from the stores department. Can the production manager blame the foreman if he is not able to achieve the desired target? Explain briefly the principle relating to the situation.
5. Identify the technique of scientific management which is described by each statement given below:
 - i. When specialists supervise each worker
 - ii. Change in the attitude of workers and management towards one another. from competition to Co-operation
 - iii. When uniformity is introduced in materials, machine, tools, method of works and working conditions after, due research.
6. How are management principles derived?
7. The directors of Bhupender Ltd., an organisation manufacturing computers, want to double the sales and have given this responsibility to their sales manager. The sales manager has no authority either to increase the sales expenses or appoint new salesmen. Hence, he could not achieve this target. Is the sales manager responsible for not achieving the target? Explain, in brief, the relevant principle in support of your answer.
8. Explain Principles of Scientific Management.
9. Which principle of management envisages that each group of activities having the same objectives must have one head and one plan? Explain the principle with a suitable example.
10. Discuss management as an Art.
11. Nutan Tiffin Box service was started in Mumbai by Mumbai Dabbawalas. The Dabbawalas who are the soul of entire Mumbai aim to provide prompt and efficient services by providing tasty homemade tiffin to all office goers at right time and place. The service is uninterrupted even on the days of bad weather, political unrest and social disturbances. Recently they have started online booking system through their website 'mydabbawala.com'. Owing to their tremendous popularity amongst the happy and satisfied customers and members, the dabbawalas were invited as guest lecturers by top business schools. The Dabbawalas operate in a group of 25-30 people along with a group leader. Each group teams up with other groups in order to deliver the tiffin on time. They are not transferred on frequent basis as they have to remember the addresses of their customers. They follow certain rules while doing trade- No alcohol during working hours; No leave without permission; Wearing of white cap & carrying ID cards during business hours.

Recently on the suggestion of a few self motivated fellow men, the dabbawalas thought out and executed a plan of providing food left in tiffins by customers to slum children. They have instructed their customers to place red sticker if food is left in the tiffin, to be fed to poor children later.

State any two principles of management given by Fayol from above paragraph.

12. Why is co-ordination considered as essence of management?

13. Identify dimension of business environment related to following situations:

- i) It is common now to see CD-ROM's, computerized information kiosks, and Internet/World Wide Web multimedia pages highlighting the virtues of products.
- ii) Demand to reserve jobs for minorities and women
- iii) Advertisements, including packets of cigarettes carry the statutory warning 'Cigarette smoking is injurious to health'.
- iv) Money supply in the economy
- v) The health-and-fitness trend has harmed business in other industries like dairy processing, tobacco and liquor
- vi) High inflation rates generally result in constraints on business enterprises as they increase the various costs of business such as the purchase of raw materials or machinery and payment of wages and salaries
- vii) The government in Hyderabad is taking keen interest in boosting IT industry as a result the state is most commonly known as Cyberabad instead of Hyderabad.

14. Discuss the importance of business environment.

15. Exchange is referred to as the essence of marketing. Why?

16. Explain three levels of Packaging with example.

17. Haldiram is a famous chain selling a variety of products in the Indian market. Their products include chips, biscuits, sweets and squashes. It charges a comparatively higher price than its competitors as it sells quality products. Besides, it offers regular discounts to its customers and easy credit terms to the retailers. It has many outlets of its own in various cities. It also sells its products through various grocery stores so that the products are available to customers at the right place, in the right quantity and at the right time. It regularly uses different communication tools to increase its sales.

The above para describes the combination of variables used by Haldiram to prepare its market offering. Identify and explain its variables.

18. Radhika was a student of Business Studies of class XII. Her father was a farmer who grew different varieties of rice and was well versed about various aspects of rice cultivation. He was also selected by the government for a pilot project on rice cultivation. As a project work in Business Studies she decided to study the feasibility of marketing good quality rice at a reasonable price. Her father suggested her to use internet to gather customers' views and opinions. She found that there was a huge demand for packaged organic rice. She knew that there was no pre-determined specifications in case of rice because of which it would be difficult to

achieve uniformity in the output. To differentiate the product from its competitors, she gave it the name of 'Malabari Organic Rice' and classified it into three different varieties namely – Popular, classic and Supreme, based on the quality. She felt these names would help her in product differentiation.

Explain the functions of marketing in the light of above case.

19. “Bhuvan, who was a vegetarian went to a snack bar for having French fries and later found out that it had non vegetarian content. Neither the advertisement nor the packing of the product displaced that the product has non vegetarian content. Will Bhuvan be able to claim compensation which right of the consumer is violated”?

20. Rajiv, a consumer purchased medicines without noticing the date of expiry. He also did not obtain the cash memo. Do you think he will be able to protect himself by the loss caused due to expired medicine? Give reasons to support your answer.

21. Who is a “Consumer” under the Consumer Protection Act 1986?

22. Who can file complaint under the Consumer Protection Act?

23. The earlier approach of CAVEAT EMPTOR, which means “Let the buyer beware”, has now been changed to CAVEAT VENDITOR(“Let the seller beware”).Why has such a radical change taken place?

24. Identify tool of promotion mix from following statement

- (a) It is highly flexible as message can be adjusted as per situation
- (b) It include short term incentives to boost sales
- (c) It aims at creating and managing successful relations with public.

25. Mr. Neeraj, a salesman in Progress Ltd., designed a new cost saving advertisement technique through his personal experience and suggests the same to his sales manager but it was not appreciated by his sales manager and he also warned him not to come with any suggestions in future. Which principle of Fayol is being overlooked by the sales manager? What should have been the appropriate way of response by the sales manager?

Summer Vacation Assignment 2019
Accountancy –XII

INSTRUCTIONS:

- ✓ **Assignment submission date: 25th August 2019**
 - ✓ **Assignment to be done on loose sheet and should be properly filed in a folder.**
 - ✓ **Assignment should be hand written and not a photocopy.**
 - ✓ **All questions should be attempted from PART A and attempt only one option from part B**
-

PART A

ACCOUNTING FOR SHARE CAPITAL & NPOs

1. Archana Ltd. issued 60,000 equity shares of Rs 20 each payable at Rs. 6 on application, Rs 6 on allotment, Rs 4 on first call and Rs 4 on final call. Meera holding 200 shares failed to pay both the calls and these were forfeited and reissued at par. Journalize.
2. 500 equity shares of Rs 10 each were issued at 10% premium on which Rs 7/share (inc. premium) was called up. Due to nonpayment of allotment money of Rs 4 (incl. premium) and first call of Rs 2, these shares were forfeited. Of these 400 shares were reissued as fully paid @ Rs 10/share. Journalise.
3. Moon Ltd. took over assets worth Rs 400,000 and liabilities of Rs 50,000 of Sun Ltd. for a purchase consideration of Rs 3,77,000, payable Rs 80,000 in cash and balance by issue of equity shares of Rs 100 each. Pass entries in the books of Moon Ltd. assuming shares were issued at a.) par b.) Rs 10/share premium
4. Rohit Ltd. purchased assets from Rohini Ltd. for Rs 3,50,000 out of which Rs 75,000 was paid by means of a bank draft and for the balance amount equity shares of Rs 10 were issued at a premium of 10%. Journalize.
5. X Ltd. invited applications for 2,00,000 equity shares of Rs 10 each at a premium of Rs 2/share payable as Rs 2 on application, Rs 5 on allotment (inc. premium), Rs 2 on first call and Rs 3 on final call. 3,00,000 applications were received out of which 60,000 applications were rejected and pro-rata allotment was made to the remaining applicants. Ram who applied for 9,600 shares failed to pay the allotment and both calls while Syam holding 12,000 shares failed to pay both the calls. All the shares were reissued at Rs 8/share as fully paid up. Journalise
6. Diamond Ltd. issued 50,000 shares of Rs 10 each at a discount of 5% payable as follows: on application, Rs 25/share, on allotment Rs 34/share, on call Rs 36/share. 45,000 applications were received, all of which were allotted. 2,000 shares were forfeited due to non receipt of call money. Half of these were reissued @ Rs 92/share as fully paid up and the remaining were reissued @ Rs 105/share. Journalize.
7. King Ltd took over Assets of Rs 25,00,000 and liabilities of Rs 6,00,000 of Queen Ltd. King Ltd paid the purchase consideration by issuing 10,000 equity shares of 100 each at a premium of 10% and 11,00,000 by Bank Draft. Calculate Purchase consideration and pass necessary Journal entries in the books of King Ltd.

8.a) Nidhi Ltd. issued 2,000 Shares of 100 each. All the money was received except on 200 shares on which only 90 per share were received. These shares were forfeited and out of the forfeited shares 100 shares were reissued at 80 each as fully paid up. Pass necessary Journal entries for the above transactions and prepare the Forfeited Share Account.

b) Complete the following Journal Entries:

| S.No. | Particulars | L.F | Debit | Credit |
|-------|---|-----|-------|--------|
| i. | ----- | | Dr | |
| | To----- | | | |
| | To----- | | | |
| | (Being the forfeiture of 1000 shares of 10 each, 8 called up, on which allotment money of 2 and First Call of 3 has not been received.) | | | |
| ii. | ----- | | Dr | |
| | To----- | | | |
| | To----- | | | |
| | (Being reissue of 1000 forfeited shares fully paid up at 11 per share) | | | |
| iii. | ----- | | Dr | |
| | To----- | | | |
| | (Being gain on the reissue of share transferred to capital reserve Account) | | | |

9. Metacaf Ltd. issued 50,000 shares of Rs 100 each payable Rs20 on application ,Rs 30 on allotment ,Rs20 on first call and the balance on final call .Shankar, a shareholder holding 5,000 shares did not pay the first call on the due date. The second call was made and Shankar paid the first call amount along with the second call. All sums due were received. Total amount received was _____

10. Newbie Ltd. was registered with an authorized capital of Rs 5,00,000 divided into 50,000 equity shares of Rs 10 each. Since the economy was in robust shape, the company decided to offer to the public for subscription 30,000 equity shares of Rs 10 each at a premium of Rs 20 per share. Applications for 28,000 shares were received and allotment was made to all the applicants. All calls were made and duly received except the final call of Rs 2 per share on 200 shares. Show the 'Share Capital' in the Balance Sheet of Newbie Ltd. as per Schedule VI of the Companies Act 1956. Also prepare Notes to Accounts for the same.

11. Vinod telecom ltd. is registered with an authorized capital of Rs 8000000, divided into shares of Rs 10 each. The co. issued 100000 shares at a premium of Rs 2/share. On application- Rs 3/share, allotment- Rs 5/share (inc. premium) and balance on 1st and final call. All calls were made and duly received except first and final call on 1000 shares held by Alan. Present share capital in co.s B/S as per schedule-III and notes to accounts.

12. Tractors India Ltd.' is registered with an authorized capital of Rs10,00,000 divided into 1,00,000 equity shares of Rs 10 each. The company issued 50,000 equity shares at a premium of Rs 5 per share. Rs 2 per share were payable with application, Rs 8 per share including premium on allotment and the balance amount on first and final call. The issue was fully subscribed and all the amount due was received except the first and final call money on 500 shares allotted to Balaram.

Present the 'Share capital' in the balance sheet of 'Tractors India Ltd.' as per Schedule III of the Companies Act, 2013. Also prepare notes to accounts .

13. Drumbeats Ltd. had a prosperous shoe business. They were manufacturing shoes in India and exporting to Italy. Being a socially aware organization, they wanted to pay back to the society. They decided to not only supply free shoes to 50 orphanages in various parts of the country but also give employment to children from those orphanages who were above 18 years of age. In order to meet the fund requirements, they decided to raise 50,000 equity shares of Rs 50 each and 40,000 9% debentures of Rs 40 each. Pass the necessary journal entries for issue of shares and debentures.

14. Amrit Ltd. issued 50,000 shares of Rs 10 each at a premium of Rs 2 per share payable as Rs 3 on application, Rs 4 on allotment (including premium), Rs 2 on first call and the remaining on second call. Applications were received for 75,000 shares and a pro-rata allotment was made to all the applicants. All moneys due were received except allotment and first call from Sonu who applied for 1,200 shares. All his shares were forfeited. The forfeited shares were reissued for Rs 9,600. Final call was not made. Pass necessary journal entries.

15. Velco Ltd. issued 30,000 shares of Rs 10 each at a discount of Rs 1 per share payable as Rs 3 on application, Rs 2 on allotment, Rs 2 on first Call and Rs 2 on second call. Applications were received for 40,000 shares and a pro-rata allotment was made to all the applicants. All money due were received except allotment and first call from Mohit who had applied for 2,000 shares. His shares were forfeited after first call. Subsequently, the second call was duly made and duly received. Thereafter, the forfeited shares were reissued for Rs9 fully paid. Pass the necessary journal entries.

16. The Receipt and Payment Account of Harimohan charitable institution is given. Prepare the Income and Expenditure Account for the Year ended on March 31, 2007

Receipt and Payment Account for the year ending March 31, 2007

| Receipts | Amount Rs | Payments | Amount Rs |
|------------------------|-----------------|----------------------|-----------------|
| Balance b/d: | | Furniture | 3,000 |
| Cash at Bank | 22,000 | Investments | 55,000 |
| Cash in Hand | 8,800 | Advance for building | 20,000 |
| Donations | 32,000 | Charities | 60,000 |
| Subscriptions | 50,200 | Salaries | 10,400 |
| Endowment Fund | 60,000 | Rent and Taxes | 4,000 |
| Legacies | 24,000 | Printing | 1,000 |
| Interest on Investment | 3,800 | Postage | 300 |
| Interest on Deposits | 800 | Advertisements | 1,100 |
| Sale of old newspapers | 500 | Insurance | 4,800 |
| | | Balance c/d: | |
| | | Cash at Bank | 32,000 |
| | | Cash in Hand | 10,500 |
| | <u>2,02,100</u> | | <u>2,02,100</u> |

i) It was decided to treat Fifty per cent of the amount received on account of Legacies and Donations as income.

(ii) Liabilities to be provided for are:

Rent Rs 800; Salaries Rs 1,200; advertisement Rs 200.

(iii) Rs 2,000 due for interest on investment was not actually received.

17. From the following receipts and payments and information given below, Prepare Income and Expenditure Account and opening Balance Sheet of Adult Literacy Organisation .

Receipt and Payment Account for the year ending *December 31, 2006*

| Receipts | Amount Rs | Payments | Amount Rs |
|------------------------|--------------|----------------------------|--------------|
| Balance b/d | | General Expenses | 3,200 |
| Cash in hand | 4,000 | News paper | 1,850 |
| Cash at Bank | 15,550 | Electricity | 3,000 |
| Subscriptions | | Fixed deposit with bank | 18,000 |
| 2005 | 1,200 | (on 31.06.2006) @ 10% p.a. | |
| 2006 | 26,500 | Books | 7,000 |
| 2007 | 500 | Salary | 3,600 |
| Sale of old newspapers | <u>1,250</u> | Rent | 6,500 |

| | | | |
|---|--------|-----------------------|--------|
| Govt. grant | 12,000 | Postage charges | 300 |
| Sale of old furniture (book value Rs5000) | 3,700 | Furniture (purchased) | 10,500 |
| Interest received on FD | 450 | Balance c/d | |
| | | Cash in Hand | 3,000 |
| | | Cash at Bank | 8,200 |
| | 65,150 | | 65,150 |
| | | | |

- (i) Subscription outstanding as on 31.12.2005 Rs 2,000 and on December 31, 2006 Rs 1,500.
- (ii) On December 31, 2006 Salary outstanding Rs 600, and one month Rent paid in advance.
- (iii) On Jan. 01, 2005 organisation owned Furniture Rs 12,000, Books Rs 5,000.

18. The following is the Receipts & Payments a/c of the Nari Kalayan Samittee for the year ended December 31, 2006:

| Receipts | Amount Rs | Payments | Amount Rs |
|---|--------------|-------------------------|--------------|
| Balance from last year | 2,270 | Rent | 6,600 |
| Subscriptions | 32,500 | Electric charges | 3,200 |
| Life membership fee | 3,250 | Lecturer's fee | 730 |
| Donation | 2,500 | Office expenses | 1,480 |
| Profit from entertainment | 7,250 | Printing and Stationery | 1,050 |
| Sale of old Books (books value Rs1,000) | 750 | Legal fee | 1,870 |
| Interest | 350 | Books | 6,500 |
| | | Furniture purchased | 8,600 |
| | | Expenses on Nukar Drama | 1,300 |
| | | Cash in Hand | 8,040 |
| | | Cash at Bank | 9,500 |
| | 48,870 | | 48,870 |
| | | | |

Prepare an Income and Expenditure Account after the following adjustments:

- (a) Subscription still to be received are Rs 750, but subscription include Rs 500 for the year 2007.
- (b) In the beginning of the year the Sangh owned building Rs 20,000 and furniture Rs 3,000 and Books Rs 2,000.

(c) Provide depreciation on furniture @ 5% (including purchase), books @ 10% and building @ 5%.

19. BHEL issued Rs 1000000 new capital divided into Rs 100 shares at a premium of Rs 20/share payable as Rs 10 on application , Rs 40 on allotment (inc.premium)and balance on final call. Applications were received for 30000 shares. Applicants for 12000 shares were allotted 2000 shares and applicants for 3000 shares were rejected. Excess application money was used towards allotment money due and balance refunded. All the money was duly received. Record entries in the books of BHEL.

20.TISCO issued 60000 shares of Rs 10 each at par payable as Rs 2 on application , Rs 3 on allotment and Rs 5 on first and final call.Applications were received for 92000 shares. Applicants for 40000 shares received full allotment, applicants for 50000 shares received 40% allotment and applicants for 2000 shares were rejected. Rs 108000 was realize on account of allotment(exc. application money) and Rs 250000 on account of call.Record entries in the books of TISCO .

PART B

Option I

RATIO ANALYSIS AND CASH FLOW STATEMENT

1.a) X Ltd. has a current ratio of 3.5:1 and quick ratio of 2:1. If excess of current assets over quick assets represented by Inventory is 24,000, calculate current assets and current liabilities.

b) From the following information, calculate Inventory Turnover Ratio.

Revenue from Operations: 4,00,000, Average Inventory : 55,000, The rate of Gross Loss on Revenue from Operations was 10%.

2.With the help of the following information calculate ROI:

N/P after interest & tax- Rs 8,00,000

10% debentures – Rs 9,00,000

Tax rate – 50%

Capital employed –Rs 2,00,000

3.From the following information related to Naveen Ltd. calculate (a) Return on investment and (b)Total assets to Debt Ratio.

Information: Fixed assets Rs 75,00,000; Current assets Rs 40,00,000; Current Liabilities Rs 27,00,000;

12% debentures -Rs 80,00,000 and Net profit before interest, tax and dividend Rs 14,50,000.

4. KartikMutuals, a mutual fund company, provides you the following information:

| | 31st March 2017 | 31st March 2018 |
|-------------------|------------------------|------------------------|
| Proposed Dividend | 20,000 | 15,000 |

Additional Information:

Equity Share Capital raised during the year 3,00,000

10% bank loan repaid was 1,00,000

Dividend received during the year was 20,000

Find out the cash flow from financing activities.

5. The Goodwill of X ltd. increased from 2, 00,000 in 2013-14 to 3, 50,000 in 2014-15. What will be its treatment while preparing Cash Flow Statement for the year ended 31st March 2015?

6. Which of the following transactions will not result into flow of cash:

- (a) Issue of equity shares of Rs1,00,000.
- (b) Purchase of machinery of Rs 1,75,000.
- (c) Redemption of 9% debentures- Rs 3,50,000.
- (d) Cash deposited into bank - Rs 15,000.

7. Which of the following transactions will result into 'Flow of Cash'?

- (a) Deposited Rs 10,000 into bank.
- (b) Withdraw cash from bank Rs 14,500.
- (c) Sale of machinery of the book value of Rs 74,000 at a loss of Rs 9,000.
- (d) Converted Rs 2,00,000 9% debentures into equity shares.

8. While preparing the 'Cash Flow Statement' the accountant of Gulfam Ltd., a financing company showed 'Dividend received on Investments' on 'Investing Activity'. Was he correct in doing so? Give reasons.

Option II

COMPUTERISED ACCOUNTING SYSTEM

- 1. Define normalization.
- 2. How do you define query in DBMS ?
- 3. How do you define the term field in a database table ?
- 4. How many pre-defined groups are there in Tally?
- 5. List any 4 sub systems of Accounting Information System.
- 6. Define data validation. State any 1 method for the same.
- 7. List the steps in installation of CAS.
- 8. Define DBMS. Describe any 3 salient features of this software.
- 9. Describe front end and back end databases with relevant eg.s.
- 10. Define CAS . Explain the safety and security features of CAS software.
- 11. What do you mean by formatting of spreadsheets? Describe its benefits?
- 12. Enumerate the steps in the installation of CAS.

13.a.) Define DBMS. b.) List the components of MS Access. c.) Differentiate between desktop and server databases.

14. Attempt a comparative study of the merits and demerits of DBMS software.

15. DBMS' stands for :

(a) Dividend Based Management System. (b) Data Based Management Software. (c) Data Base Management System. (d) Divide the Basic Master Software.

16. Sequential code refers to a code applied to some document where :

- (a) Numbers and letters are assigned in consecutive order.
- (b) Where account heads are assigned to documents. .
- (c) When documents are arranged in sequence of their names.
- (d) Special names are given to documents

Holiday Assignment Physical Education -XII

1. What is planning in games and sports? (1)
2. What is round robin tournament? (1)
3. What is ageing? (1)
4. What is bye? (1)
5. What do you mean Tournament? (1)
6. What is seeding? (1)
7. What is special seeding? (1)
8. Define Anorexia Nervosa? (1)

9. What is Osteoporosis? (1)
10. What do you mean by menarche? (1)

11. Write one physiological change due to ageing? (3)
12. Explain about any three macro-nutrients? (3)
13. Explain about the food myths prevailing in contemporary society? (3)
14. What is scoliosis? Mention any two corrective exercises for it. (3)
15. Write in brief about any three physiological factors determining speed? (3)
16. Define motor development? Discuss in detail the factors that affect motor development in children? (5)
17. What is Harvard Step Test? Mention the equipment required to perform it and explain its procedure? (1+1+3)
18. Draw the fixture of 19 teams on knock out basis? (5)
19. What do you mean by Vitamin? Explain about fat soluble and water soluble vitamins?(5)

Discuss about mineral as nutritive component of diet? (5)

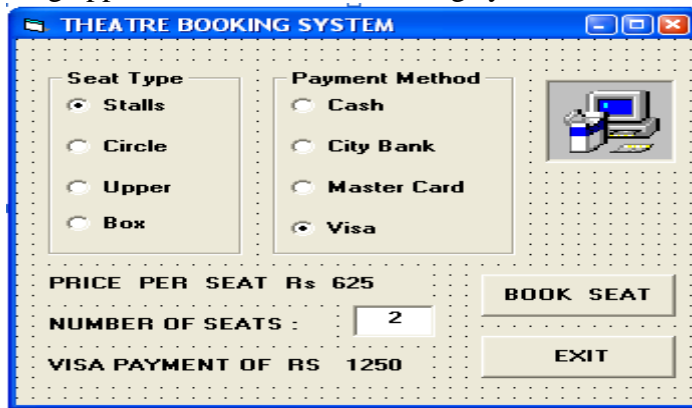
INFORMATICS Last Date of submission : 30th August 2019

1. Design a GUI application in java to design the form for the company. You have to accept book code, Title, Author and Quantity sold and price from the user. Net price should be calculated using method on the basis of the discount given. Bookseller - 25% School - 20% Customer - 5%

2. Design a GUI application in java to calculate employee salary .The application should accept Name, Address, Gender, Basic Salary, Medical , Conveyance , LIC and PF. Calculate and display Gross and Net pay using methods.
(Gross pay = basic + da + hra + Medical + Conveyance) and Netpay = Gross pay – (LIC + PF)

| Basic | DA | HRA | LIC | PF |
|-----------|-----|-----|-----|-----|
| >=40000 | 35% | 37% | 8% | 15% |
| >=20000 | 25% | 32% | 6% | 12% |
| >=10000 | 25% | 30% | 5% | 10% |
| Otherwise | 15% | 25% | 5% | 8% |

3. Design the following application for theatre booking system.



- a) When user selects different seat type, then its price should be displayed in the seat type frame. Price for Stalls 625/- , Circle 750/-, Upper 850/- , Box 1000/-
- b) Write a method called amount to calculate total amount to pay using different payment method. When the user clicks at the book seats button the total amount should be calculated along with the payment method.

4. Write a method to accept any three numbers and return the difference between maximum and minimum numbers.

5. Write a method to accept bp (basic pay), calculate da, pf, lic and return the gp. where $gp = bp + da - pf - lic$; $da = 10\%$ of bp ; $pf = 12\%$ of bp if $bp < 3000$ else 15% ; $lic = 10\%$ of bp

6. A company manufactures 3 products TV, VCR and DVD. It gives a discount of 12% on orders for TV if the order is for Rs 10,000 or more, a discount of 15% on orders for VCR if the order is for Rs 8000 or

more , a discount of 10% on orders for DVD if the order is for Rs 2000 or more, return the final amount to pay.

| | |
|---|--|
| Find the output for the following : | |
| 7. <pre>int s = 0; for (int j = 5 ; j < 10 ; j += 2) { s -= 3 ; j += 2 ; System.out.println (" : "+ s) ; s -= j ; j += j++ / 5 ; System.out.println (" : " + j) ; }</pre> | 8. <pre>int s = 2 , a = 2 , i = 1 ; while (++i <= 3) { a += s-- ; s += a++ ; a -= s++ ; } System.out.println(a+s);</pre> |
| Convert if <-> switch statement : | |
| 9. <pre>char code; if (code == 'A') System.out.print ("Accounts"); else if (code == 'C' code == 'G') System.out.print ("Grade IV"); else if (code == 'F') System.out.print ("Advisor"); else System.out.print ("Invalid");</pre> | 10. <pre>int w = 6 ; switch (w--) { case 2 : System.out.print("low"); case 3 : System.out.print("mid"); break ; case 4 : System.out.print("high"); default : System.out.print("No"); }</pre> |
| Convert for <-> while statement : | |
| 11. <pre>int m = 5 , w = 10 ; for (int i = -2 ; i <= 10 ; i++) { if (++i <= 5) w += 2 ; else w -= 3 ; }</pre> | 12. <pre>float p = 4 , m = 2 , r = 1 ; int i = 4 ; while (i <= 7) { if (i <= 5) m += p++ ; else i++ ; } ;</pre> |
| How many times the following message will be printed? | |
| 13. <pre>for (int i = 2 ; i <= 20 ; i +=3) if (i < 10) System.out.println(" School"); else break ;</pre> | 14. <pre>int p = 2 , s = 2 ; while (p - s <= 2) { s += 3 ; p += 5 ; System.out.println(" Hello"); }</pre> |
| Underline the Errors and Rewrite the corrected code : | |
| 15. <pre>int m , y = 3 ; Y = sqrt(45) + pow(2,3); if (m = y) jTextField.getText(" " + m); switch(m); case k : m++; else : p = *4;</pre> | 16. <pre>int k = 13 , b = -4 , float a = 12N ; if (k > a or a < b) a - b = k ; k-- ; else (k += a - k ; System.out.println(" " + b + k);</pre> |
| 17. Declare a class bank with the following specifications:- Data members includes a/c No, name, address, balance; Member Functions includes:- a) input () - a method to input the details of the account holders. b) output () - a method to display the details of the data members. | |

- c) deposit () - a method to credit the amount into the account.
- d) withdraw() - a method to debit from the account. (maintain minimum balance = 1000).

Write a GUI program to perform the various operations: