



K15U 0260

Reg. No. :

Name :

III Semester B.Com. Degree (CCSS – 2014 Admn. – Regular)
Examination, November 2015
COMPLEMENTARY COURSE IN COMMERCE
3C03COM : Basics of Research Methodology

Time : 3 Hours

Max. Marks : 40

PART – A

Answer **all** questions. **Each** carries $\frac{1}{2}$ mark.

1. Research refers to a _____ for knowledge.
2. _____ is the arrangement of conditions for collection and analysis of data.
3. _____ is the data that are already available.
4. _____ report is one which given emphasis on simplicity and attractiveness.
($\frac{1}{2} \times 4 = 2$)

PART – B

Answer **any four**. **Each** carries **one** mark.

5. What do you mean by descriptive research ?
6. What is cluster sampling ?
7. What is primary data ?
8. What is stratified sampling ?
9. What is Technical Report ?
10. What is bibliography ?
($1 \times 4 = 4$)

P.T.O.



PART – C

Answer **any six**. Each carries **three** marks.

11. Explain the significance of a research report.
12. Describe the different types of research.
13. State the techniques involved in defining a problem.
14. Mention the factors to be considered in a Research Design.
15. Explain the advantages of sampling.
16. State any five difference between questionnaire and schedule.
17. Describe in brief, the layout of a research report.
18. State the qualities of a good research. **(3×6=18)**

PART – D

Answer **any two**. Each carries **eight** marks.

19. What do you mean by sample design ? Explain main steps of sampling design.
 20. Enumerate the different methods of collecting primary data.
 21. Describe the precautions that the researcher should take while writing research reports. **(2×8=16)**
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K15U 0256

Reg. No. :

Name :

III Semester B.Com. Degree (CCSS – 2014 Admn. – Regular)
Examination, November 2015
CORE COURSE IN COMMERCE
3B06 COM (Co-operation) : Co-operative Principles

Time : 3 Hours

Max. Marks : 40

PART – A

This Part consists of **four** questions carrying $\frac{1}{2}$ mark **each**. Answer **all** questions in **one** word.

1. Give the expansion of VAMNICOM.
2. Who was introduced a scheme of 'Co-operative colony' ?
3. Distinguish between 'Co-operative principles' and 'practices'.
4. 'In which year Team Audit was introduced in Kerala ? ($\frac{1}{2} \times 4 = 2$)

PART – B

Answer **any four** questions in **one** or **two** sentences **each**. **Each** question carries **one** mark **each**.

5. What are the main principles of Rochdale society ?
6. What is centrally sponsored scheme ?
7. Write a short note on ICA.
8. State any two social objectives of industrial co-operatives ?
9. What is the main recommendations of the All India Rural Credit Survey Committee ?
10. Write a brief note on CRAFTICARD. (1×4=4)

P.T.O.



PART – C

Answer **any six** questions. Answer should **not** exceed **one** page **each**. **Each** question carries **three** marks **each**.

11. What do you mean by polivant societies ?
12. Explain the co-operative credit structure in India.
13. Write a short note on ACSTI.
14. What are the points of similarity between co-operation and capitalism ?
15. Explain the classification of co-operative credit.
16. What do you know about Friendly Societies Act ?
17. Explain the term 'Owenism'.
18. Write a brief note on the origin of industrial co-operatives ? **(3x6=18)**

PART – D

Answer **any two** questions. Answer should not exceed **four** pages **each**. **Each** question carries **eight** marks **each**.

19. Compare and contrast the Raiffesian system and the Schulze-Delitzch systems of principles of Co-operation.
20. Give a brief account of objectives of Co-operative education in India.
21. "All-India Rural Credit Survey Committee recommended an "Integrated Scheme of Rural credit" based on the principles" – Discuss the Principles. **(8x2=16)**



K15U 0068

Reg. No. :

Name :

III Semester B.Com. Degree (CCSS–Supple./Imp.)
Examination, November 2015
Core Course in Commerce
3B05COM : B-CO-OPERATION : CO-OPERATIVE PRINCIPLES
(2012/13 Admissions)

Time : 3 Hours

Max. Weightage : 30

PART – A

This part consists of **two** bunches of questions carrying a weightage of **one**. Each bunch consists of **four** objective type questions. Answer **all** questions.

- I. 1) A Co-operative society is a union of
- | | |
|----------------|------------------|
| a) individuals | b) firms |
| c) company | d) none of these |
- 2) The committee appointed by ICA in 1964 for formulating principles of co-operation.
- | | |
|--------------------|-----------------------|
| a) Karve Committee | b) Planning Committee |
| c) Roachdale | d) None of these |
- 3) NCDC was established in
- | | |
|---------|------------------|
| a) 1963 | b) 1962 |
| c) 1975 | d) None of these |
- 4) Which of the following is not the principle of Co-operation ?
- | |
|---|
| a) voluntary and open membership |
| b) democratic control |
| c) member's economic participation |
| d) Profit sharing on the basis of share |

(W = 1)

P.T.O.



- II. 5) Co-operative Colony was organized by
- 6) The collective forms in USSR under Co-operative sector is known as
- 7) NDDDB has its headquarters at
- 8) Co-operation became a state subject in the year

(W = 1)

PART – B

Answer **any eight** questions in **one** or **two** sentences **each**. **Each** question carries a weightage of **one**.

- 9) What are the three benefits of Co-operation ?
- 10) What does ICA stands for ? When was it formed ?
- 11) What was the object of Raiffeisen societies ?
- 12) What were the major terms of reference of All India Rural Credit Survey Committee ?
- 13) Write a note on Co-operative Planning Committee.
- 14) What does CRAFTICARD stand for ?
- 15) Write a note on NCUI.
- 16) What is VAMNICOM ?
- 17) What is a Service Co-operative Society ?
- 18) Define a Self Help Group.

(W = 8×1 = 8)

PART – C

Answer **any six** questions. Answer should **not** exceed **one** page **each**. **Each** question carries a weightage of **two**.

- 19) Explain the various features of Co-operation.
- 20) What are the similarities between co-operation and socialism ?
- 21) What are the various Roachdale principles ?
- 22) Distinguish between co-operatives and sole proprietorship.



23) Write a note on Co-operative week.

24) Write a note on ICM.

25) Write a note on KICMA.

26) What is CAPE ?

(W = 6×2=12)

PART – D

Answer **any two** questions. **Each** question carries a weightage of **four**. Answer **not** to exceed **four** pages each.

27) Explain the various recommendations of All India Rural Credit Survey Committee.

28) Explain the constitution and working of NCDC.

29) Explain the various redefined principles of ICA of 1995.

(W = 2×4=8)



K15U 0064

Reg. No. :

Name :

III Semester B.Com. Degree (CCSS – Supple./Imp.)

Examination, November 2015

CORE COURSE IN COMMERCE

3B04 COM : Corporate Accounting

(2012/13 Admissions)

Time : 3 Hours

Max. Weightage : 30

PART – A

The bunches carrying **equal** weightage of **one**. Answer **all**.

- I. 1) Profit prior to incorporation is the profit from.
 - a) The date of acquisition of business to the date of commencement
 - b) Date of acquisition to the end of accounting year
 - c) Opening date to the date of acquisition
 - d) Date of acquisition to the date of incorporation
- 2) An instrument acknowledging debt under the seal of the company.
 - a) Debentures
 - b) Equity share
 - c) Preference share
 - d) Bonus shares
- 3) An agreement under which an underwriter makes a firm commitment to take up a specified number of shares is known as
 - a) Complete underwriting
 - b) Pure underwriting
 - c) Firm underwriting
 - d) Partial underwriting

P.T.O.



4) Assets acquired in satisfaction of claims.

- a) Banking assets
- b) Acquired assets
- c) Purchased assets
- d) Non-Banking assets

(W = 1)

II. Match the following :

- | | |
|-----------------------|--|
| 5) Net payment method | a) Reserves and surplus |
| 6) Share premium | b) Total of different modes of payment |
| 7) Goodwill | c) Travellers cheques |
| 8) Bills payable | d) Expenses |
| | e) Fixed Asset |
| | f) A part of Amalgamation |

(W = 1)

PART – B

Answer **any eight**. Each carries a weightage of **one**.

9. What is CRR ?
10. Give two examples for contingent liabilities.
11. What do you mean by amalgamation ?
12. Give journal entry for recording agreed purchase consideration.
13. What do you mean by sub-underwriting ?
14. What do you mean by marked application ?
15. Mention the total amount payable as management remuneration under the Indian Companies Act.
16. State the meaning of goodwill.
17. How will you calculate goodwill under super profit method ?
18. What are non-banking assets ?

(W = 8×1=8)



PART – C

Answer **any six**. Each carries a weightage of **two**.

- 19. Explain the main steps involved in Merger of companies.
- 20. Explain the common methods of valuing goodwill.
- 21. What do you mean by amalgamation in the nature of merger and nature of purchase ?
- 22. Describe the particulars of advances which must be given in the Balance Sheet of a Banking Company in India.
- 23. On 31st March 2011 the books of 'X' Bank had the following account balances :

| | Rs. |
|------------------------------------|-----------|
| Rebate on bill discounted 1-4-2010 | 4,00,000 |
| Discount Received | 95,00,000 |

On closing the books it is found that the discount received includes unexpired discount to be carried to the next year Rs. 5,49,000. Show the amount to be credited to P and C account under discount carried for the year 2010-11.

- 24. From the following particular of 'A' Ltd. you are required to calculate managerial remuneration if there is only one whole time director.

| | Rs. |
|---|----------|
| Net profit before provision for income tax and managerial remuneration but after depreciation and provision for repairs | 4,35,205 |
| Depreciation provided | 1,55,000 |
| Provision for repairs | 12,500 |
| Depreciation allowable | 1,30,000 |
| Actual repairs during the year | 7,500 |



25. Three underwriters 'P', 'Q' and 'R' underwrite the public issue of 5000 shares of Rs. 100 each issued at par in the ratio 2 : 1 : 1. Application were received for 4500 shares including the marked forms.

P – 2000, Q – 1200 and R – 800

Determine the underwriters liability.

26. Profits of the firm for the last five years were :

| Rs. | Rs. |
|---------------|---------------|
| 2001 – 45,000 | 2002 – 55,000 |
| 2003 – 42,000 | 2004 – 38,000 |
| 2005 – 30,000 | |

The capital employed in the firm is Rs. 3,00,000.

Calculate the value of goodwill on the basis of 3 years purchase of super profit, assuming that the normal rate of return on capital employed is 10%.

(W = 6x2=12)

PART – D

Answer **any two**. Each carries a weightage of **four** :

27. From the following particulars, prepare the Final Accounts of K Bank.

| | Dr. | Cr. |
|-------------------------------|-----|-----------|
| Share Capital 10000 shares of | | |
| Rs. 10 each (Rs. 5 paid) | | 5,00,000 |
| Reserve fund | | 10,00,000 |
| Fixed deposits | | 20,00,000 |
| Savings bank deposits | | 30,00,000 |



| | | | |
|------------------------------------|--------------------|--------------------|---|
| Current Accounts | | 70,00,000 | |
| Borrowed from Bank | | 2,00,000 | |
| Investments | 30,00,000 | | - |
| Premises | 12,00,000 | | - |
| Cash in hand | 60,000 | | - |
| Cash at bank | 28,00,000 | | - |
| Money at call and short notice | 3,00,000 | | - |
| Interest accrued and paid | 2,00,000 | | - |
| Salaries | 80,000 | | - |
| Rent | 30,000 | | - |
| Profit and Loss account (1-4-2008) | | 1,60,000 | |
| Interest earned | | 4,50,000 | |
| Bill discounted | 5,00,000 | | |
| Bills payable | | 8,00,000 | |
| Loans and advances, OD and Credits | 70,00,000 | | |
| Unclaimed dividends | | 30,000 | |
| Sundry creditors | | 30,000 | |
| | 1,51,70,000 | 1,51,70,000 | |

The bank had the bills for Rs. 14,00,000 on collection for its constituents and also acceptances and endorsements for them amounting to Rs. 4,00,000.



28. D and L Ltd. have agreed to amalgamate. A new company DL Ltd. has been formed to takeover the combined concerns as on 31st Dec. 2006. After negotiations, the value of Assets of two companies have been agreed as shown in the following Balance Sheets.

| Liabilities | D Ltd. | L Ltd. | Assets | D Ltd. | L Ltd. |
|---------------|-----------------|------------------|---------------------|-----------------|------------------|
| Share capital | | | Land and Building | 4,50,000 | 7,50,000 |
| 75000 × 10 | 7,50,000 | | Plant and Machinery | 3,75,000 | 3,00,000 |
| 1,50,000 × 10 | | 15,00,000 | Goodwill | 75,000 | 1,65,000 |
| Sundry Crs. | 75,000 | 1,20,000 | Stock | 30,000 | 2,25,000 |
| Reserve Fund | 75,000 | — | Sundry Drs. | 30,000 | 1,80,000 |
| P and L a/c | 75,000 | 75,000 | Cash at Bank | 15,000 | 75,000 |
| | 9,75,000 | 16,95,000 | | 9,75,000 | 16,95,000 |

The assets and liabilities are takeover by DL Ltd. Show how the amount payable to each company is arrived at and prepare the Balance Sheet of the New Company.

29. Prepare a Balance Sheet of M Ltd. as on 31st March 1996 which has an authorised capital Rs. 6,00,000 consisting of 60,000 shares of Rs. 10 each.

| | Rs. |
|---------------------|----------|
| Goodwill | 25,000 |
| Premises | 3,70,000 |
| Furniture (Opening) | 7,200 |
| Depreciations | 360 |
| Stock of goods | 1,01,000 |
| Sundry debtors | 80,000 |
| Machinery (Opening) | 3,00,000 |
| Depreciation | 30,000 |



| | | |
|-----------------------------|----------|-------------|
| Cash in hand | 750 | |
| Cash at Bank | 39,900 | |
| 14% Govt. Securities | 60,000 | |
| Preliminary Exp. | 2,500 | |
| Bills payable | 38,000 | |
| Creditors | 50,000 | |
| Provision for taxation | 25,000 | |
| 18% debentures | 3,00,000 | |
| Interest on debenture due | 9,000 | |
| Called up capital | 4,60,000 | |
| Calls in arrears | 7,500 | |
| General reserve | 25,000 | |
| Addition to general reserve | 10,000 | |
| Loan to M.D. | 2,650 | |
| P and L Account | 49,140 | (W = 2x4=8) |



K15U 0253

Reg. No. :

Name :

III Semester B.Com./B.S.W. Degree (CCSS – 2014 Admn. Regular)

Examination, November 2015

GENERAL COURSE FOR B.COM./B.S.W.

3A11COM/CMN : Disaster Management

Time : 3 Hours

Max. Marks : 40

PART – A

Answer **all** questions, **each** carries $\frac{1}{2}$ mark.

1. Biological hazard is a _____ type of hazard.
2. CBDP stands for _____
3. Debris flow is a type of _____
4. TDRM stands for _____

($\frac{1}{2} \times 4 = 2$)

PART – B

Answer **any four** questions, **each** carries 1 mark.

5. What is catastrophic hazards ?
6. What is flood ?
7. Define 'Hail'.
8. Define hydrological drought.
9. Name the different stages of disaster cycle.
10. Define hazards.

($1 \times 4 = 4$)

P.T.O.



PART – C

Answer **any six** questions, **each** carries **3** marks.

11. Explain the different types of Environmental stress.
12. What are the man made factors that cause land slides ?
13. What are the mitigatory measure for landslide ?
14. State the causes of pest infestation.
15. What are the causative factors leading to chemical disasters ?
16. Briefly explain the role of media in disaster management.
17. What happens when volcano erupts ?
18. What are the important means of biological disasters ? (3×6=18)

PART – D

Answer **any two** questions, **each** carries **8** marks.

19. Explain the role of disaster mitigation institution.
 20. Describe the various arrangement to be made during and after flood.
 21. Explain the various disaster recovery process. (2×8=16)
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K15U 0057

Reg. No. :

Name :

III Semester B.Com./B.B.A./B.B.A.T.T.M. Degree (CCSS – Supple./Imp.)
Examination, November 2015
GENERAL COURSE FOR B.COM./B.B.A./B.B.A.T.T.M.
3A15 COM/BBA/BBA(T) : Disaster Management
(2011 and Earlier Admissions)

Time : 3 Hours

Max. Weightage : 30

PART – A

This Part consist of **two** bunches of questions carrying **equal** Weightage of **one**.
Each bunch consists of **four** objective type questions.

Answer **all** questions :

- I. 1) India has been traditionally vulnerable to natural disaster due to its
- a) unique geo-climatic conditions
 - b) land utilisation
 - c) natural resources
 - d) topography
- 2) The following is not a natural disaster
- a) militancy
 - b) famine
 - c) cyclone
 - d) heat wave
- 3) The Disaster Management Act was passed in
- a) 2003
 - b) 2009
 - c) 2005
 - d) 2000
- 4) Tsunami hit the Kerala Coast in the year _____
- a) 2000
 - b) 2010
 - c) 2003
 - d) 2004

(W=1)

P.T.O.



II. Fill in the blanks :

- 5) In Japan, the recent tsunami resulted in the outburst of _____ atomic research station.
- 6) Cyclone is an example of _____ hazard.
- 7) Post disaster stage starts with _____
- 8) IEC stands for _____

(W=1)

PART – B

Answer **any eight** questions in **one** or **two** sentences **each**. Each question carries a Weightage of **one**.

9. What is environmental hazard ?
10. What is landslides ?
11. What is population explosion ?
12. State the meaning of pre-disaster stage.
13. What is Seismological observatory ?
14. State the meaning of land use zoning.
15. What is intermediate shelter ?
16. Expand NDMA.
17. What is super cyclone ?
18. What is GIS ?

(W=8×1=8)

PART – C

Answer **any six** questions. Each question carries a Weightage of **two** :

19. Write a note on planetary hazards.
20. Explain the rehabilitation measures to be taken on floods.



21. Explain the economic impact of disaster.
22. State how immediate relief measures can be provided to disaster affected people.
23. Write a note on disaster mitigation institutions.
24. Examine the significance of education in disaster management.
25. Discuss the role of media in disaster management.
26. Write a note on militancy in India. (W=6×2=12)

PART – D

Answer **any two**. Each question carries a Weightage of **four**.

27. Explain any natural disaster which occurred in Kerala recently.
 28. Discuss different approaches to management of environmental hazards.
 29. Describe the pre-disaster stage in disaster management. (W=2×4=8)
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K15U 0058

Reg. No. :

Name :

**III Semester B.Com./B.B.A./B.B.A.T.T.M./B.B.A.R.T.M. Degree
(CCSS – Supple./Imp.) Examination, November 2015
GENERAL COURSE FOR BCOM/BBA/BBATTM/BBARTM
3A15 COM/BBA/BBA(T)/BBA RTM : Disaster Management
(2012/13 Admissions)**

Time : 3 Hours

Max. Weightage : 30

PART – A

This Part consist of **two** bunches of questions carrying **equal** weightage of **one**.
Each bunch consists of **four** objective type questions.

- I. 1. Technological disaster does not include
- | | |
|-------------------------|-------------------|
| a) Industrial accidents | b) Radiation |
| c) Pest infestation | d) Chemical spoil |
2. Pressure on the environment caused by human activities or by a natural event
- | | |
|-------------------------|----------------------------|
| a) Environmental hazard | b) Environmental stress |
| c) Environmental risk | d) Environmental pollution |
3. Environment Protection Act was passed in the year _____
- | | | | |
|---------|---------|---------|---------|
| a) 1986 | b) 1968 | c) 1982 | d) 1984 |
|---------|---------|---------|---------|
4. _____ encompasses those measures taken before a disaster which are aimed at minimising loss of life etc.
- | | |
|-----------------|-------------------|
| a) Preparedness | b) Prevention |
| c) Mitigation | d) Rehabilitation |
- (W=1)**

P.T.O.



- II. 5. CBDP stands for _____
6. Any action taken to minimise the extent of a disaster or potential disaster is _____
7. The Bhopal gas tragedy was in the year _____
8. A geophysical disaster involving a slide of large snow or rock mass down a mountain side is known as _____ (W=1)

PART – B

Answer **any eight** questions in **one** or **two** sentences **each**. **Each** question carries a weightage of **one**.

9. What is cyclone ?
10. What is a nuclear weapon ?
11. What is a natural disaster ?
12. What is mitigation ?
13. Define search and rescue.
14. What is vulnerability mapping ?
15. What is environmental pollution ?
16. What is epidemics ?
17. What is capacity in disaster management ?
18. What do you mean by disaster management cycle ? (W=8×1=8)

PART – C

Answer **any six** questions. Answer **not** to exceed **one** page. **Each** question carries a weightage of **two**.

19. What are environmental hazards ?
20. What are the features of disaster ?



- 21. What are the features of cyclone ?
- 22. What are the measures taken to reduce landslide risk ?
- 23. Explain briefly about Calamity Relief Fund.
- 24. What are the disaster management authorities and institutions in India ?
- 25. What are the types of drought ?
- 26. What are the various channels used for disaster warning ? (W=6×2=12)

PART – D

Answer **any two**. **Each** question carries a weight of **four**. Answer **not** to exceed **four** pages.

- 27. Explain about various man-made disasters.
 - 28. Explain about Tsunami with its features and adverse effect.
 - 29. Explain about various phases of disaster management. (W=2×4=8)
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K15U 0061

Reg. No. :

Name :

III Semester B.Com. Degree (CCSS-Supple./Imp.)

Examination, November 2015

CORE COURSE IN COMMERCE

3B03 COM : Management Principles

(2011 and Earlier Admissions)

Time : 3 Hours

Max. Weightage : 30

PART – A

This Part consist of **two** bunches of questions, carrying **equal** weightage of **one**.
Each bunch consist of **four** questions. Answer **all**.

- I. 1) The principle divised to conserve managerial talent, time and effort and apply it in more important areas are called
 - a) MBO
 - b) MBE
 - c) Strategy
 - d) None
- 2) The process of defining the work of the subordinates by his superior is called
 - a) Creation of authority
 - b) Granting of authority
 - c) Assignment of duties
 - d) None
- 3) The process of making, new employees familiar with the organisation is called
 - a) Selection
 - b) Recruitment
 - c) Placement
 - d) Orientation
- 4) The process of influencing other people to work willingly for group objective is called
 - a) Motivation
 - b) Control
 - c) Directors
 - d) Leadership

(W = 1)

P.T.O.



- II. 5) _____ means union is strength.
- 6) The _____ school concentrates on rational decisions.
- 7) MBE stands for _____
- 8) _____ is the process which involves thinking before doing. (W =1)

PART – B

Answer **any eight** questions, in **one** or **two** sentences **each**. **Each** question carries a weightage of **one**.

9. Define decision making.
10. What is corporate planning ?
11. What do you mean by controlling ?
12. Mention any four qualities of a leader.
13. What is line authority ?
14. What is informal organisation ?
15. Define motivation.
16. What do you mean by organisation structure ?
17. What do you mean by planning premises ?
18. Who is a formal leader ? (W = 8×1=8)

PART – C

Answer **any six** questions. Answer not to exceed **one page**. **Each** question carries a weightage of **two**.

19. What are the assumptions of theory 'X' propounded by McGregor ?
20. State the uses of performance appraisal.
21. What is line and staff organisation ? Explain its features.



- 22. State the objectives of management.
- 23. Explain the concept of universality of management principle.
- 24. What are the steps in the process of delegation ?
- 25. What are the techniques of decentralisation ?
- 26. Explain the steps in the control process. (W = 6×2=12)

PART – D

Answer **any two** questions, **each** question carries a weightage of **four**. Answer not to exceed **four** pages.

- 27. Define decision making and explain the steps in decision making.
 - 28. Distinguish between formal and informal organisation.
 - 29. Explain the features of management principles. (W = 2×4=8)
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K15U 0254

Reg. No. :

Name :

III Semester B.Com. Degree (CCSS – 2014 Admn. – Regular)
Examination, November 2015
General Course for B.Com.
3A12 COM : NUMERICAL SKILLS FOR BUSINESS

Time : 3 Hours

Max. Marks : 40

PART – A

Answer all questions. Each carries $\frac{1}{2}$ marks.

1. The sum of first n natural number is

a) $\frac{n+1}{2}$

b) $\frac{n-1}{2}$

c) $\frac{n(n-1)}{2}$

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

2. The simplest form of 8 : 12 : 24 is

a) 4 : 3 : 6

b) 2 : 3 : 6

c) 6 : 4 : 2

d) 2 : 6 : 3

3. If $4^n = 1024$, then n is

a) 5

b) 8

c) 10

d) 12

4. $\frac{\sqrt{5}-\sqrt{3}}{\sqrt{5}+\sqrt{3}}$ is

a) $4-\sqrt{15}$

b) 2

c) 3

d) None of these

($4 \times \frac{1}{2} = 2$)

P.T.O.



PART – B

Answer **four** questions. **Each** carries **one** mark.

5. If $a : b = 3 : 4$ and $b : c = 5 : 6$, then the ratio of $a : c$ is
6. Simple interest on Rs. 1,500 at 7% per annum for a certain time is Rs. 210. Find the time.
7. The average of two numbers is xy . If one number is x , then the other number is
8. Construct a 3×4 matrix whose elements are given by $a_{ij} = \frac{1}{2}|-3i + j|$
9. Solve $3x - y = 3$
 $6x + y = 3$
10. The Venn diagram for $A - B$ is. (4×1=4)

PART – C

Answer **any six** questions. **Each** carries **three** marks.

11. Solve the following system of inequalities graphically
 $x + 2y \leq 8$, $2x + y \leq 8$, $x \geq 0$, $y \geq 0$.
12. Let $A = \begin{bmatrix} 2 & 3 \\ -1 & 2 \end{bmatrix}$. Find A^3 .
13. The difference between the compound interest and the simple interest on a certain sum at 10% per annum for two years is Rs. 60. Find the sum.
14. Solve $\frac{1}{x-3} + \frac{1}{x+5} = \frac{1}{3}$.
15. The average of 2, 7, 6, x is 5 and the average of 18, 16, x , y is 10. What is the value of y ?



16. The sides of a triangle are in the ratio of $\frac{1}{2} : \frac{1}{3} : \frac{1}{4}$. If the perimeter is 104 cm's.
Find the length of the smallest side.

17. If $\begin{vmatrix} x & 2 \\ 18 & x \end{vmatrix} = \begin{vmatrix} 6 & 2 \\ 18 & 6 \end{vmatrix}$ then x is.

18. Find adjA if $A = \begin{bmatrix} \cos \alpha & -\sin \alpha & 0 \\ \sin \alpha & \cos \alpha & 0 \\ 0 & 0 & 1 \end{bmatrix}$ (6×3=18)

PART – D

Answer **any two** questions. **Each** carries **eight** marks.

19. Solve $2x + y + z = 1$

$$x - 2y - z = \frac{3}{2}$$

$$3y - 5z = 9$$

20. Let $A = \begin{bmatrix} 1 & -2 & 1 \\ -2 & 3 & 1 \\ 1 & 1 & 5 \end{bmatrix}$

Verify that

i) $(\text{adj}A)^{-1} = \text{adj}(A^{-1})$

ii) $(A^{-1})^{-1} = A$.

21. Find the rank of the given matrix

$$\begin{bmatrix} 0 & 1 & -3 & -1 \\ 1 & 0 & 1 & 1 \\ 3 & 1 & 0 & 2 \\ 1 & 1 & -2 & 0 \end{bmatrix}$$

(2×8=16)



- 13) Mr. A lent at simple interest Rs. 7,200 partly at 6% p.a and partly at 7% p.a. If the interest received after one year is Rs. 450, how much did he lend at different rate of interest ?
- 14) A machine depreciates in value each year at 10% of its previous value and at the end of the fourth year its value is Rs. 1,31,220. Find the original value.
- 15) Find the total present value of each cash inflows at the end of each year shown below.

| | | | | | |
|-----------------------|------|------|------|------|------|
| Year : | 1 | 2 | 3 | 4 | 5 |
| Cash in flow : | 2000 | 3000 | 3500 | 3000 | 4000 |

The rate of interest is 8%

| | | | | | |
|--------------------|----------------------|-----------------------|------------------------|-----------------------|----------------------|
| | I st year | II nd year | III rd year | IV th year | V th year |
| PV factor : | 0.926 | 0.857 | 0.794 | 0.735 | 0.681 |

- 16) If $A = \{1, 2, 3\}$, $B = \{3, 4, 5\}$, $C = \{1, 3, 5\}$ prove that $A - (B \cup C) = (A - B) \cap (A - C)$.
- 17) Represent the following using Venn diagram.

$$(A \cup B) \cap (A \cup C)$$

- 18) Solve $3x^2 + 4x + 1 = 0$. (Wt. 8x1 = 8)

PART - C

Answer **any six** questions. **Each** question carries Weightage of **two**.

19) If $a = x - \sqrt{x^2 - 1}$ show that $a + \frac{1}{a} = 2x$.

20) Solve $x + y = 1, y + z = 1, z + x = 4$.

21) Solve the equation $2x + \frac{5}{x} = 7$.

22) Simplify $\frac{3^5 27^3 \cdot 9^4}{3(81)^4}$.



23) Given $A = [2 \ -3]$, $B = [0 \ 2]$ and $C = [-1 \ 4]$ find the matrix X in each of the following :

i) $X + B = C - A$

ii) $A - X = B + C$.

24) Solve the equation $X + \begin{bmatrix} 0 & 1 & 5 \\ 1 & 0 & 4 \\ 2 & -6 & 8 \end{bmatrix} = \begin{bmatrix} 1 & 2 & 3 \\ 2 & 3 & 1 \\ 3 & 2 & 1 \end{bmatrix}$.

25) If $A = \begin{bmatrix} 2 & 3 & 4 \\ 5 & 7 & 9 \\ -2 & 1 & 1 \end{bmatrix}$ and $B = \begin{bmatrix} 4 & 0 & 5 \\ 1 & 2 & 0 \\ 0 & 3 & 1 \end{bmatrix}$ verify that $(AB)' = B'A'$.

26) Show that $\begin{vmatrix} 3 & 8 & 2 \\ 2 & 1 & 0 \\ 1 & 3 & 2 \end{vmatrix} > 0$

(Wt. $6 \times 2 = 12$)

PART - D

Answer **any two** questions. **Each** questions carries a Weightage of 4.

27) Solve completely the following equations :

$$2x - 3y = 3 \text{ and}$$

$$4x - y = 11 \text{ using matrices.}$$

28) Find the rank of $\begin{bmatrix} 1 & 2 & 0 & 5 \\ 3 & 1 & 2 & 2 \\ 2 & 4 & 0 & 10 \end{bmatrix}$.

29) Show that $\frac{1}{1+\sqrt{2}} + \frac{1}{\sqrt{2}+\sqrt{3}} + \frac{1}{\sqrt{3}+2}$ is rational.

(Wt. $2 \times 4 = 8$)



K16U 2139

Reg. No. :

Name :

III Semester B.Com. Degree (CBCSS – Reg./Supple./Imp.)

Examination, November 2016

CORE COURSE

3B05COM : Advanced Accounting

(2014 Admn. Onwards)

Time : 3 Hours

Max. Marks : 40

PART – A

Answer **all** questions. **Each** carries $1/2$ mark.

1. Under sectional balancing system, the ledger which is usually made to balance is _____
2. In _____ account cost of goods sold on hire purchase is transferred.
3. Current assets and liabilities should be converted in foreign branch account at _____
4. The short workings account shows a _____ balance in the book of the lessor. (4× $1/2$ =2)

PART – B

Answer **four** questions. **Each** carries **one** mark.

5. What is opening statement of Affairs ?
6. Mention items excluded in the general ledger accounts.
7. How is depreciation calculated on assets in hire purchase system ?
8. What do you mean by goods-in-transit ?
9. State the purpose of royalty receivable account.
10. Mention the methods used incorporations of branch trial balance in the Head Office Book. (4×1=4)

P.T.O.



PART – C

Answer **any six** questions (**not** exceeding **one** page). **Each** carries **3** marks.

11. What is reconciliation entries in branch accounting ? State reasons for the difference.
12. What are the advantages of self-balancing system ?
13. Define sub-lease ? Who are the parties in a sub-lease ?
14. Explain the limitations of the single entry system.
15. Amar and Co. has a hire purchase departments and goods are sold on hire purchase at cost plus 60%. From the following information, prepare hire purchase trading account to ascertain the profit or loss made in hire purchase July 1, 2012.

| | Rs. |
|---|--------|
| Goods with HP customers (at HP price) December 31, 2012 | 16,000 |
| Goods sold on hire purchase during the year at HP price | 80,000 |
| Cash received during the years from customer | 56,000 |
| Goods received back from customer (instalment due Rs. 2,000/- valued at) | 300 |
| Goods with the HP customer at HP price | 36,000 |

16. Goods are sent to branch at 25% of profit on cost, prepare the accounts in Head Office Books.

| | Rs. |
|---|--------|
| Opening stock at branch at cost to branch | 10,000 |
| Goods sent to branch at invoice price | 40,000 |
| Loss in transit at invoice price | 5,000 |
| Pilferage at invoice price | 2,000 |
| Normal loss at invoice price | 1,000 |
| Cl. stock at cost to branch | 12,000 |
| Sales | 60,000 |
| Expenses | 8,000 |

Rs. 3,000 was recovered from insurance company against loss in transit.

17. The under mentioned particulars have been obtained from the books of a trader who keeps his books under self balancing systems. Prepare the sales ledger adjustment account as on 31st December, 1998.

| | Rs. |
|-------------------------------|--------|
| Debtors balance as on 30-6-98 | 28,400 |
| Sales to debtors | 58,400 |



| | |
|-----------------------------------|--------|
| Returns from debtors | 700 |
| Cash received from debtors | 41,300 |
| Discount allowed to debtors | 1,500 |
| Acceptance received from debtors | 4,200 |
| Acceptance returned dishonoured | 600 |
| Bad debts written off | 900 |
| Sundry charges debited to debtors | 29 |

18. From the following prepare bills receivable account and total debtors account to find out credit sales.

Bills receivable on 1-1-94 Rs. 4,500, Total debtors on 1-1-94 Rs. 14,600, Cash received for bills receivable in 1994 Rs. 12,200, Cash received from debtors in 1994 Rs. 82,000, Discount allowed to debtors in 1994 Rs. 4,100, Bills receivable on 31-12-94 Rs. 6,220, Total debtors on 31-12-94 Rs. 16,225. (6x3=18)

PART – D

Answer **any two** questions. **Each** carries **eight** marks.

19. On 1st January 2010, Hari obtained a mining lease on a term that on every ton of output a royalty of 50 paise is payable subject to a minimum rent of Rs. 12,000 per annum, on 1st July 2011, Hari granted a sub-lease of a part of this mine to Ram on the basis that a royalty of 75 paise per ton of output merging into a minimum of Rs. 5,000 per annum. The recoupment of short workings was limited under the principal lease to a period of first three years of lease and under the sub-lease to a period up to 31st December 2012.

From the following information you are required to show ledger accounts in the books of Hari.

| Year | Output in tons | |
|------|----------------|-----------|
| | Own | Sub-lease |
| 2010 | 18,000 | — |
| 2011 | 16,000 | 3,000 |
| 2012 | 18,000 | 9,000 |
| 2013 | 15,000 | 10,000 |



20. On January 1, 2013 the goods invoiced by Calcutta Head Office to its Chennai Branch were Rs. 48,000 at selling price, being $33\frac{1}{3}$ per cent over cost price. For six months ended June 30, 2013 the branch return shows that the sales were Rs. 29,000. The goods invoiced at Rs. 2,000 were returned by the Head Office. The closing stock at Chennai Branch on June, 2013 was Rs. 16,800 at selling price.

Record the above transactions showing Chennai Branch Stock Account, Chennai Branch Adjustment Account and Goods sent to Branch Account in Calcutta Head Office Books and balance them at June 30, 2013.

21. The following balances extracted from the subsidiary ledgers on the National Slide Bank did not tally with their respective balance in the general ledger as on 31st December, 2014. The differences was placed to the Suspense Account for the time being.

| Particulars | Rs. |
|----------------------------------|-------------|
| 1) Loan Ledger | 18,65,750 |
| 2) Fixed Deposit Ledger | 35,07,320 |
| 3) Savings Account Ledger | 1,39,85,692 |
| 4) Current Account Ledger No. 11 | 94,34,281 |
| 5) Current Account Ledger No. 17 | 32,71,009 |

On close scrutiny, the following mistakes were found in the ledger.

- 1) A sum of Rs. 2,00,000 granted on loan to a borrower and debited to his account in the loan ledger was not passed through the general ledger.
- 2) Rs. 7,500 debited to a constituent's account in loan ledger for interest was credited to the loan Ledger Account in the general ledger.
- 3) Rs. 50,000 received from a Savings Account holder was credited to the customer's account in the fixed deposit ledger.
- 4) Rs. 11,575 received from an account holder in the Current Account Ledger No. 17 was credited in the General Ledger to the Current Account Ledger No. 11.
- 5) Fixed deposit receipt for Rs. 10 lakh paid by transfer to the credit of the depositors account in Current Ledger No. 11 was omitted to be debited to the account holder's account in the fixed deposit ledger.

Pass the necessary journal entries rectifying forgiving mistakes.

(2×8=16)

Reg. No. :

Name :

III Semester B.Com. Degree (CBCSS – Reg./Supple./Imp.)
Examination, November 2016
(2014 Admn. Onwards)
Complementary Course
3C03COM : BASICS OF RESEARCH METHODOLOGY

Time : 3 Hours

Max. Weightage : 40

PART – A

Answer **all** questions. **Each** carries $\frac{1}{2}$ mark.

1. Research is a careful or critical inquiry or examination in seeking _____
2. Hypothesis is a compound of two words _____ and _____
3. _____ includes all references to related materials which furnishes a clue to the quality of the research report.
4. Research design could be constructed either to test a _____ or to give a cause effect relationship to a situation. (4×½=2)

PART – B

Answer **four** questions. **Each** carries **1** mark.

5. Define the problem.
6. What is a pure research ?
7. Name three primary sources of data collection.
8. Give two objectives of social research.
9. What is a research design ?
10. What are the characteristics of good sample ? (4×1=4)



PART – C

Answer **any six** questions. **Not** exceeding **one** page. **Each** carries **3** marks.

11. Briefly explain important characteristics of hypothesis.
12. State the main features of sampling techniques.
- 13. Distinguish between quantitative data and qualitative data.
14. What is a questionnaire ?
15. Mention the main objects of schedule.
16. What is the purpose of research report ?
17. Give a brief note on secondary or documentary sources.
18. Enumerate steps in research procedure. (6×3=18)

PART – D

Answer **any two** questions. **Each** carries **8** marks.

19. What are the sources of problem of research ? What questions should be asked in selection of problem ?
 20. What is sampling ? Discuss the relative merits of different types of sampling.
 21. Discuss importance and limitations of questionnaire method. (2×8=16)
-



K16U 2145

Reg. No. :

Name :

III Semester B.Com. Degree (CBCSS – Reg./Supple./Imp.)
Examination, November 2016
(2014 Admn. Onwards)
COMPLEMENTARY COURSE
3C04 COM : Business Regulatory Frame Work

Time : 3 Hours

Max. Marks : 40

PART – A

Answer **all** questions, **each** carries $\frac{1}{2}$ mark.

1. _____ is an agreement enforceable by law.
2. _____ mean regression of assent or consent to offer.
3. The person who give the guarantee is called _____
4. Right to retain the goods by a person to possession is called _____ (4× $\frac{1}{2}$ =2)

PART – B

Answer **any four** questions. **Each** carries 1 mark.

5. Define pledge.
6. What do you mean by acceptance ?
7. What is void agreement ?
8. Define quasi contract.
9. What is anticipatory breach of contract ?
10. What do you mean by fidelity guarantee ? (4×1=4)

P.T.O.



PART – C

Answer **any six** questions, **each** carries **3** marks.

11. Classify and explain contracts according legal effects.
12. Distinguish between void agreement and illegal agreements.
13. What are the causes for the lapse of an offer ?
14. Explain the persons who are entitled to perform contract.
15. What are the essential features of a valid bailment ?
16. Distinguish between conditions and warrantee.
17. Distinguish between agreement and contract.
18. "A contract without consideration is void" What are the exceptions ? **(6×3=18)**

PART – D

Answer **any two** questions, **each** carries **8** marks.

19. Explain the different modes of discharge of contract.
 20. Explain the essentials of a valid offer.
 21. Who is an unpaid seller ? What are his rights against the buyer personally and against the goods ? **(2×8=16)**
-



K16U 1990

Reg. No. :

Name :

III Semester B.Com. Degree (CCSS – Supple./Imp.)
Examination, November 2016
Complementary Course
3C03-COM : BUSINESS REGULATORY FRAMEWORK
(2012 – 13 Admissions)

Time : 3 Hours

Max. Weight : 30

SECTION – A

This Section consists of **two** bunches of **four** questions **each**. **Each** bunch carries a weight of **1**.

I. Choose the correct answer :

- 1) When two persons make identical offers to each other without having knowledge of each others offer are known as
 - a) General offer
 - b) Specific offer
 - c) Counter offer
 - d) Cross offer
- 2) Consideration must move at the desire of
 - a) Promisor
 - b) Promisee
 - c) Any other person
 - d) None of these
- 3) By impossibility of performance an agreement becomes
 - a) Void
 - b) Voidable
 - c) Illegal
 - d) Valid
- 4) An agreement with a minor is
 - a) Voidable at the option of the minor
 - b) Void ab initio
 - c) Voidable at the option of other than minor
 - d) None of the above

(Wt. = $4 \times \frac{1}{4} = 1$)

P.T.O.



II. Match the following :

- | | |
|------------------------------|------------------------------|
| 5) The Competition Act, 2003 | 1) Concession in import duty |
| 6) Coercion | 2) Negotiable instrument |
| 7) Novation | 3) Marketing research |
| 8) Promissory note | 4) Substituted contract |
| | 5) Demand draft |
- (Wt. = $4 \times \frac{1}{4} = 1$)

SECTION – B

Answer **any eight** questions in **one or two** sentences **each**. Each question carries a weightage of **one**.

- 9) Who is a factor ?
 - 10) What is Free Consent ?
 - 11) What is a Contingent Contract ?
 - 12) What is a Quasi Contract ?
 - 13) Who is a surety ?
 - 14) Who is a Holder in due course ?
 - 15) What is Gratuity ?
 - 16) What is Bonus ?
 - 17) What is Competition Act ?
 - 18) What is endorsement ?
- (Wt. = $8 \times 1 = 8$)

SECTION – C

Answer **any six** questions. Answer **not** to exceed **one** page. Each question carries a weightage of **two**.

- 19) State the objectives of Competition Act.
- 20) Who is responsible for payment of wages under Wages Act ?
- 21) Who is eligible for payment of Gratuity ?



- 22) What are the objectives of Bonus Act, 1965 ?
- 23) No Consideration No Contract. Explain.
- 24) Explain minor's liability for necessaries.
- 25) What is breach of contract ? What are various types ?
- 26) Distinguish between Condition and Warranties. (Wt. 6×2=12)

SECTION – D

Answer **any two** questions. Answer **not** to exceed **four** pages. **Each** question carries a weightage of **four**.

- 27) What is a Contract ? What are its classification ?
 - 28) What is a Quasi Contract ? What are the types of Quasi contracts ? Explain with examples.
 - 29) What is Endorsement ? Explain different types of endorsements with examples. (Wt. 2×4=8)
-



K16U 2140

Reg. No. :

Name :

**III Semester B.Com. Degree (CBCSS – Reg./Supple./Imp.)
Examination, November 2016
(2014 Admn. Onwards)
Core Course (Optional)
3B06 COM (Co-Operation) : CO-OPERATIVE PRINCIPLES**

Time : 3 Hours

Max. Marks : 40

PART – A

This Part consists of **four** questions carrying $\frac{1}{2}$ marks **each**. Answer **all** question in **one** word.

1. Which country is known as the dairy farm of Europe ?
2. Give the expansion of NCDG.
3. Triveni at Trivandrum, Eranakulam, Kozhicode are examples of
4. In which year ICA appointed a committee to frame the principles of co-operation ?

($\frac{1}{2} \times 4 = 2$)

PART – B

Answer **any four** questions in **one** or **two** sentences **each**. **Each** question carries **one** mark **each**.

5. What is co-operation ?
6. State the contribution of Dr. Gadgil to cooperation.
7. Write the pattern of organisation of consumer co-operative stores in Kerala .
8. What is CRAFTICARD ?
9. What do you mean by joint farming societies ?
10. What are the Rochdale principles about co-operation ?

($1 \times 4 = 4$)

P.T.O.



PART – C

Answer **any six** questions. Answer should **not** exceed **one** page. **Each** question carries **three** marks **each**.

11. Write a short note on the important recommendations of Rural Credit Survey Committee.
12. What are the essential principles of co-operation ?
13. Write a note on "The Rochdales society of equitable pioneers".
14. Explain types of co-operatives in Japan.
15. Discuss the main activities of the fishery co-operatives in Japan.
16. What are the arguments for distributive justice in co-operative principle ?
17. What is a multifunctional society ? How is it different from univalent societies ?
18. "All for each and each for all", who advocate ? Explain. (3x6=18)

PART – D

Answer **any two** questions. **Answer** should **not** exceed **four** pages **each**. **Each** question carries **8** marks **each**.

19. Give a brief account of problems and challenges faced by the co-operatives in India.
20. Discuss co-operative educations and training schemes in Kerala.
21. What are the important recommendations of All India Rural Credit Review Committee Report ? (8x2=16)



K16U 2137

Reg. No. :

Name :

III Semester B.Com./B.S.W. Degree (CBCSS – Reg./Supple./Imp.)

Examination, November 2016

(2014 Admn. Onwards)

General Course for B.Com./B.S.W.

3A11 COM/CMN : DISASTER MANAGEMENT

Time : 3 Hours

Max. Marks : 40

PART – A

Answer **all** the questions. **Each** question carries $\frac{1}{2}$ marks.

1. Volcanic eruption is a _____ hazard.
2. Uttarakhand flood in 2014 was in _____ river.
3. The company responsible for 1984 Bhopal gas tragedy is _____
4. The Disaster Management Authority of India has its headquarters at _____ (4× $\frac{1}{2}$ =2)

PART – B

Answer **any four** questions. **Each** carries **one** mark. (Answer in **one** or **two** sentences).

5. What are the after effects of drought ?
6. Define disaster.
7. What is heat wave ?
8. Define the term soil erosion.
9. What is flood ?
10. What do you mean by endogenous hazards ? (4×1=4)

P.T.O.



PART – C

Answer **any six** questions (**not exceeding one** page). **Each** question carries **three** marks.

11. Discuss the role of youth in disaster management.
12. Give the importance of planning in reducing disasters.
13. What are the functions of Disaster Management Authority of India ?
14. Explain the consequences of nuclear explosion.
15. What are the steps in post disaster stage ?
16. What are the major biological hazards ?
17. How can we give preparedness to the community about disaster management ?
18. Give a note on any recent flood in your neighbouring state. (6×3=18)

PART – D

Answer **any two** questions. **Each** carries **eight** marks. (**Not** to exceed **4** pages).

19. Explain briefly about the types of hazards and disasters.
 20. Explain the various phases of disaster management.
 21. Discuss the role of media in disaster management. (2×8=16)
-



K16U 2272

Reg. No. :

Name :

III Semester B.Com./B.B.A./B.B.A.T.T.M./B.B.A.R.T.M. Degree
(CCSS – Supple./Imp.) Examination, November 2016
General Course in B.Com./B.B.A./B.B.A.T.T.M./B.B.A.R.T.M.
3A15COM/B.B.A./B.B.A. (T)/B.B.A.(R.T.M.)
DISASTER MANAGEMENT
(2012 – 13 Admissions)

Time : 3 Hours

Max. Weightage : 30

PART – A

This Part consists of **two** bunches of questions carrying **equal** weightage of **one**.
Each bunch consists of **four** objective type questions. Answer **all** questions.

- I. 1) _____ embraces all the measures taken to reduce the effect of hazards.
- | | |
|---------------|------------------|
| a) Mitigation | b) Preparedness |
| c) Prevention | d) None of these |
- 2) Which of the following is an exogenous hazard ?
- | | |
|----------------------|----------------|
| a) Volcamic eruption | b) Landslides |
| c) Cyclones | d) Earthquakes |
- 3) Pressure on the environment caused by human activities or by a natural event is _____
- | | |
|--------------------------|----------------------------|
| a) Environmental hazards | b) Environmental stress |
| c) Environmental risk | d) Environmental pollution |
- 4) Solid waste include
- | | |
|-----------------------|---------------------|
| a) Municipal waste | b) Industrial waste |
| c) Agricultural waste | d) All of the above |
- (W. = 1)
- II. 5) Disaster Management Act was passed in the year
- | | |
|---------|---------|
| a) 2005 | b) 2000 |
| c) 2002 | d) 1995 |

P.T.O.



- 6) Weapons of mass destructions include
- a) Radiological
 - b) Chemical
 - c) Biological
 - d) All of the above
- 7) Which of the following is a slow disaster ?
- a) Flood
 - b) Earthquakes
 - c) Famine
 - d) Cyclone
- 8) CDBP stands for _____ (W. = 1)

PART – B

Answer **any eight** questions in **one** or **two** sentences **each**. **Each** question carries a weightage of **one**.

- 9) What are slow disaster ?
- 10) Define disaster preparedness.
- 11) What is vulnerability ?
- 12) What is water harvesting ?
- 13) What is Tsunami ?
- 14) What is resource mapping ?
- 15) What is earthquakes ?
- 16) What is flash flood ?
- 17) What epidemics ?
- 18) What is mudslide ? (W. : 8×1 = 8)

PART – C

Answer **any six** questions **not** to exceed **one** page. **Each** carries a weightage of **two**.

- 19) What are the features of disaster ?
- 20) What are the causes of flood ?



- 21) Explain briefly about calamity relief fund.
- 22) What are the various channels used for disaster warning ?
- 23) What are the features of hazardous waste ?
- 24) What are the consequences of population explosion ?
- 25) What are the main objectives of search and rescue team ?
- 26) How can we protect ourselves from nuclear radiation and attacks ?

(W. : $6 \times 2 = 12$)

PART – D

Answer **any two**. Each question carries a weightage of **four**.

- 27) Explain briefly about various types of environmental disaster.
- 28) Explain briefly about the various stages in disaster management.
- 29) Explain draught with its cause. What are the risk reduction measures relating draught ?

(W. : $2 \times 4 = 8$)



K16U 1992

Reg. No. :

Name :

III Semester B.Com. Degree (CCSS Supple/Imp.) Examination,
November 2016
CORE COURSE

3B03 – COM : Management Principles
(2012-13 Admissions)

Time : 3 Hours

Max. Weight : 30

SECTION – A

- I. This section consists of **two** bunches of **four** questions **each**. **Each** bunch carries a weight of 1.

Choose the correct answer

- 1) The father of management process school is
 - a) F. W. Taylor
 - b) Henri Fayol
 - c) John F. Mee
 - d) Adam Smith
- 2) The guideline that helps in attaining the objectives of the organisation is
 - a) Policies
 - b) Programmes
 - c) Procedures
 - d) Objectives
- 3) An organisation which does not follow a fixed chain of command is
 - a) Line organisation
 - b) Functional
 - c) Formal
 - d) Informal
- 4) The determination of the future requirement of personnel is termed as
 - a) Selection
 - b) Recruitment
 - c) Placement
 - d) Manpower planning (WT = $4 \times \frac{1}{4} = 1$)

II. Match the Following

- | | |
|---------------------|--------------------------------|
| 5) HRD | 1) Selected by workers |
| 6) Informal leader | 2) Justify budget from scratch |
| 7) Zero base Budget | 3) Accomplishing objectives |
| 8) MBO | 4) Improve Quality of Workers |
| | 5) Physical budget |
- (WT = $4 \times \frac{1}{4} = 1$)

P.T.O.



SECTION – B

Answer **any eight** questions in **one** or **two** sentences **each**. **Each** question carries a weightage of **one**.

9. Define Management.
10. Explain management as Profession.
11. What is coordination?
12. What is Planning Premises ?
13. What is Scalar chain ?
14. What is Policy ?
15. What is informal Group ?
16. Define SWOT.
17. What is Merit rating ?
18. What is Theory X ?

(WT 8×1=8)

SECTION – C

Answer **any six** questions. Answer **not** to exceed **one** page. **Each** question carries a weightage of **two**.

19. Distinguish between Management and Administration.
20. Distinguish between M.B.O. and M.B.E.
21. Distinguish between Policies and Objectives
22. Explain the techniques of forecasting.
23. Describe the requirements of good plan.
24. What is break-even Analysis ?
25. What is Delegation ? Explain the principles of delegation.
26. Enumerate the assumptions of Mc Gregor's Theory X and Y.

(WT 6×2=12)



SECTION – D

Answer **any two** questions. Answer **not** to exceed **four** pages. **Each** question carries a weightage of **four**.

27. Define Leadership .Explain various styles of Leadership.
 28. Discuss the contributions of Taylor to the theory of Management. Why he is considered as the father of scientific Management ?
 29. What is meant by Staffing ? Explain the various steps involved in staffing Process.
(WT 2×4=8)
-

Reg. No.:

Name:

III Semester B.Com. Degree (CBCSS – Reg./Supple./Imp.)
Examination, November 2016
(2014 Admn. Onwards)
General Course
3A12 COM : NUMERICAL SKILLS FOR BUSINESS

Time : 3 Hours

Max. Marks : 40

PART – A

Answer **all** questions. **Each** carries $\frac{1}{2}$ mark.

1. The average of first 10 even numbers is
a) 12 b) 15 c) 11 d) 10
2. If $4:5::12:x$, then x is
a) 15 b) 18 c) 20 d) 22
3. If $5^{x+5} = 1$, then x is
a) -5 b) $\frac{-4}{5}$ c) 0 d) 1
4. If A is a set with $n(A) = m$, then the number of powerset is
a) m^n b) 2^m c) 2 d) $4m^2$

(4x $\frac{1}{2}$ =2)

PART – B

Answer **four** questions. **Each** carries **one** mark.

5. If one root of $x^2 - 6kx + 5 = 0$ is 5, then the value of k is
6. If A be a set, then
i) $\phi \cap A$ is _____
ii) $A \cap A$ is _____

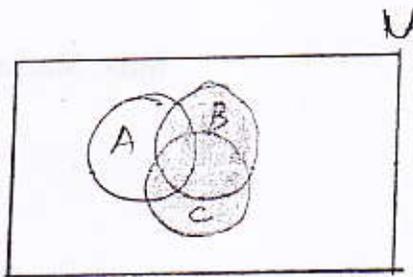


7. If 15% of A = 20% of B, then A:B is

8. If $A = \begin{bmatrix} 2 & 5 \\ 3 & 1 \end{bmatrix}$ $B = \begin{bmatrix} 1 \\ 2 \end{bmatrix}$ then A:B is

9. If $0.6 \times A = 0.09 \times B$, then A:B is

10. The shaded portion in the given Venn diagram represents (4×1=4)



PART - C

Answer **any six** questions (**not exceeding one page**). Each carries **three** marks.

11. The difference between the simple interest and the compound interest on Rs. 5,000 at 10% per annum for 3 years is

12. Solve $8x + 3y \leq 100$, $x \geq 0$, $y \geq 0$ graphically.

13. If $x = 7 - 4\sqrt{3}$, then $\sqrt{x} + \frac{1}{\sqrt{x}}$ is

14. If $A = \{1, 3\}$, $B = \{1, 5, 9\}$, $C = \{1, 3, 5, 7, 9\}$ then

i) ϕ _____ B

ii) A _____ B

iii) A _____ C

iv) B _____ C

v) $A \cap B =$ _____

vi) $A \cup B =$ _____



15. If the angles of a triangle are in the ratio 3:4:5, then find all the angles of a triangle.

16. Find the rank of $A = \begin{bmatrix} 0 & 0 & 1 \\ 0 & 2 & 0 \\ 1 & 0 & 2 \end{bmatrix}$.

17. If $A + B = \begin{bmatrix} -2 & 6 \\ 6 & 2 \end{bmatrix}$ and $A - B = \begin{bmatrix} 4 & 0 \\ 0 & 4 \end{bmatrix}$ find A and B.

18. The compound interest on a sum at 12% per annum for 2 years is Rs. 1590.
What will be the simple interest on this sum? (6×3=18)

PART - D

Answer **any two** questions. **Each** carries **eight** marks.

19. If $A = \begin{bmatrix} 1 & 2 & -3 \\ 5 & 0 & 2 \\ 1 & -1 & 1 \end{bmatrix}$, $B = \begin{bmatrix} 3 & -1 & 2 \\ 4 & 2 & 5 \\ 2 & 0 & 3 \end{bmatrix}$ and $C = \begin{bmatrix} 4 & 1 & 2 \\ 0 & 3 & 2 \\ 1 & -2 & 3 \end{bmatrix}$ then compute

$A + B$ and $B - C$. Also verify that $A + (B - C) = (A + B) - C$.

20. Solve the following equations

$$x + 2y + 5z = 10$$

$$x - y - z = -2$$

$$2x + 3y - z = -11$$

21. If $A = \begin{bmatrix} 3 & 2 \\ 1 & 0 \end{bmatrix}$, $B = \begin{bmatrix} 4 & 5 \\ 0 & 1 \end{bmatrix}$, $C = \begin{bmatrix} 1 & -4 & 1 \\ -2 & 5 & -3 \\ 3 & 6 & 3 \end{bmatrix}$ verify that $(AB)C = A(BC)$.

(2×8=16)
