

01

IIS-CBCS(MA) — DDCE
(P-V) – Edn (Method)

2015

Time : As in Programme

Full Marks : 70

The figures in the right-hand margin indicate marks.

*Answer from **appropriate** method as directed.*

General Science Method

Section – A

Answer any **three** questions of the following :

12×3 = 36

1. State the meaning and importance of General Science in school curriculum.
2. Discuss the importance of lecture-cum-discussion method in teaching general science.
3. What is Problem Solving method ? Elaborate the steps of Problem Solving method.
4. What is lesson planning ? Take a topic from general science text book and prepare a lesson plan.

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(Turn over)

5. State the process of evaluation in general science with examples.
6. Critically evaluate the General Science text book at elementary level prepared in your state.

Section - B

Answer any three questions of the following :

$8 \times 3 = 24$

7. Differentiate between disciplinary approach and integrated approach in organization of Science Curriculum.
8. What is observation method ? State its merits and demerits.
9. What is unit planning ? State the advantages of preparing unit planning.
10. What is instructional objective. Take a topic from science text book of elementary classes and write its instructional objectives.
11. What is achievement test ? Describe the steps of preparing achievement test in general science.
12. List down the materials and equipments needed for a science lab at secondary level.

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Contd.

Section - C

Answer any two questions of the following :

$5 \times 2 = 10$

13. Science Exhibition
14. Improvised Teaching aids
15. Project Method
16. Specific instructional objectives

Mathematics Method

Section - A

Answer any three questions of the following :

$12 \times 3 = 36$

1. Discuss the nature and scope of Mathematics Education.
2. Describe the aims and objectives of teaching mathematics at Secondary School Stage.
3. "Analytic and Synthetic Methods are complementary to each other". Justify with appropriate examples.
4. Choose a topic from mathematics text book of elementary classes. Develop a lesson plan by following appropriate steps.

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(Turn over)

5. List down different Audio-Visual aids used in teaching mathematics. Explain one Audio-Visual aid in detail.
6. Select a text book of mathematics from elementary classes and analyze it.

Section – B

Answer any three questions of the following :

$$8 \times 3 = 24$$

7. Describe the various problems of teaching Mathematics at Secondary School Stage.
8. Discuss the different values of Mathematics Education.
9. What is Project Method ? Explain different steps of project method with suitable example.
10. Differentiate between inductive and deductive method with suitable examples.
11. List down different instructional materials used in teaching mathematics. Explain one of them in detail.
12. Describe the process of evaluating gifted learners in mathematics.

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Contd.

Section – C

Answer any two questions of the following :

$$5 \times 2 = 10$$

13. Characteristics of good text book.
14. Heuristic method.
15. Utilitarian value of Mathematics Education.
16. Evaluation of retarded learners in mathematics.

English Method

Section – A

Answer any three questions of the following :

$$12 \times 3 = 36$$

1. Explain the importance of English as a subject in secondary school curriculum.
2. "Mastry over English Language implies mastry over its four skills." Elaborate.
3. What is meant by method of teaching ? Discuss how direct method can facilitate learning the English Language.
4. Explain the concept of hardware in audio-visual aids. Discuss with examples how such aids can maximise language learning.
5. What are prepositional phrases ? How can these be effectively taught in a secondary class.

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(5)

(Turn over)

Section - B

Answer any three questions of the following :

8×3 = 24

- 5.
6. What are the characteristics of a good text book ?
7. Illustrate the types of exercises you consider suitable for writing composition at different stages.
8. Discuss the aims and objectives of English prose.
9. What are the principles of Bilingual method of teaching English.
10. Discuss the situational approach of teaching English.

Section - C

Answer any two questions of the following :

5×2 = 10

- 10.
11. Write notes on the following :
(a) Controlled and graded writing exercises
(b) Supplementary reading
12. Discuss on the extensive and intensive reading.
13. What are the instructional objectives in English language ?
14. Discuss different techniques of evaluation.

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Contd.

Odia Method

Section - A

Answer any three questions of the following :

12×3 = 36

୧. ପ୍ରାମାଣିକ ଭାଷା କାହାକୁ କୁହନ୍ତି ? ଭାଷା ଶିକ୍ଷଣରେ ପ୍ରାମାଣିକ ଭାଷାର ଗୁରୁତ୍ୱ ଆଲୋଚନା କର ।
୨. ଓଡ଼ିଆ ଭାଷାରେ ବ୍ୟାକରଣ ଶିକ୍ଷାଦାନର ଆବଶ୍ୟକତା ଓ ଗୁରୁତ୍ୱ ଉଲ୍ଲେଖ କର ।
୩. ମାଧ୍ୟମିକ ସ୍ତରରେ ଓଡ଼ିଆ ପଦ୍ୟ ଶିକ୍ଷାଦାନର ନିୟମ ଓ ପ୍ରଣାଳୀ ବର୍ଣ୍ଣନା କର ।
୪. କ୍ରୀଡ଼ାପଦ୍ଧତି କହିଲେ କ'ଣ ବୁଝ ? ମାତୃଭାଷା ଶିକ୍ଷାଦାନରେ କ୍ରୀଡ଼ାପଦ୍ଧତିର ବ୍ୟବହାର କିପରି ନିରାସିଦ ଆଲୋଚନା କର ।
୫. ଘରକର୍ମପଦ୍ଧତି କାହାକୁ କହନ୍ତି ? ଏହି ପଦ୍ଧତିର ଆବଶ୍ୟକତା ସମ୍ବନ୍ଧରେ ଆଲୋଚନା କର ।
୬. ମୂଲ୍ୟାୟନ କାହାକୁ କହନ୍ତି ? ମାତୃଭାଷା ଶିକ୍ଷାଦାନରେ ମୂଲ୍ୟାୟନର ଭୂମିକା ସମ୍ପର୍କରେ ବର୍ଣ୍ଣନା କର ।

Section - B

Answer any three questions of the following :

8×3 = 24

୭. ମାନବ ଜୀବନରେ ମାତୃଭାଷାର ଗୁରୁତ୍ୱ ଆଲୋଚନା କର ।
୮. ପ୍ରାଥମିକ ସ୍ତରରେ ଓଡ଼ିଆ ଗଦ୍ୟ ଶିକ୍ଷାଦାନର ଉଦ୍ଦେଶ୍ୟ ଓ ପ୍ରଣାଳୀ ବର୍ଣ୍ଣନା କର ।

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(Turn over)

5. ମାଧ୍ୟମିକ ଶ୍ରେଣୀରେ ଓଡ଼ିଆ ଭାଷା ଓ ସାହିତ୍ୟ ଶିକ୍ଷାଦାନର ଲକ୍ଷ୍ୟ ବର୍ଣ୍ଣନା କର ।
6. ଓଡ଼ିଆ ଭାଷାରେ ବ୍ୟାକରଣ ପଢ଼ାଇବାର ବିଭିନ୍ନ କୌଶଳମାନ ଆଲୋଚନା କର ।
7. ମାତୃଭାଷା ଶିକ୍ଷାଦାନରେ ପାରମ୍ପାରିକ ପଦ୍ଧତିର ଦୋଷପୁଟିଗୁଡ଼ିକ ଉଲ୍ଲେଖକର ।
8. ପ୍ରଚଳିତ ମୂଲ୍ୟାୟନ ପଦ୍ଧତିର ଦୋଷପୁଟିଗୁଡ଼ିକ ବର୍ଣ୍ଣାୟ ।

Section - C

9. Write short notes on any two of the following :
5x2 = 10

9. ପ୍ରଚଳିତ ଶିକ୍ଷା ପଦ୍ଧତି ଓ ସୂଚନା ଶକ୍ତି
10. ଲିଖିତ ଭାଷା
11. ଅଭିନୟ ପଦ୍ଧତି
12. ଉତ୍ତମ ମୂଲ୍ୟାୟନ ପଦ୍ଧତି

History Method

Section - A

13. Answer any three questions of the following :
12x3 = 36

13. Discuss critically the important aims of teaching history at the secondary school stage.
14. Discuss the values of teaching History.

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3. Discuss the Biographical approach of organising History syllabus.
4. What is the importance of source method in the teaching of History? What are the various types of sources that the teachers may use while teaching History?
5. Discuss the place and importance of current affairs in the teaching of History.
6. 'Present system of examination in history fails to achieve its real objectives.' Discuss the statement clearly.

Section - B

15. Answer any three questions of the following :
8x3 = 24

15. 'The scope of history is vast. It starts with the past, makes present its sheet anchor and points to the future.' Elucidate.
16. Discuss the concentric method of organising facts in history. What are its merits and limitations?
17. Discuss the importance of dramatization as a method of teaching History.
18. What content in History would you suggest to promote international understanding among secondary school students?

OV - 43/13 (9) (Turn over)

11. Why current affairs should be introduced in the school programme ? What are the possible objectives which will guide you ?
12. What is meant by objective type test ? Give some examples of these tests from History.

Section - C

Write short notes on any **two** of the following :
5x2 = 10

13. Project method of teaching History
14. Teacher's guide books
15. Critical Thinking
16. Using Sources

Geography Method

Section - A

Answer any **three** questions of the following : (Write the answer within 700 - 1000 words) 12x3 = 36

1. Define Geography. Explain why Geography should be included in the school curriculum ?

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Contd.

2. What are the different methods of Geography Teaching ? Explain the method you like the most. State its merits and demerits.
3. What do you mean by scheme of lessons ? Prepare the scheme of lessons for Geography Teaching.
4. Define Teaching Aids. Write the classification of Teaching Aids.
5. What do you mean by co-curricular activities ? Write the importance of organisation of Co-curricular Activities in Geography.
6. "A Geography museum is a great asset to a school." Discuss.

Section - B

Answer any **three** questions of the following : (Write the answer within 400 - 500 words) 8x3 = 24

7. Discuss the objectives of teaching Geography at the secondary stage.
8. What do you mean by Lesson plan ? Write the steps of Lesson Planning.
9. Describe regional method of teaching Geography . Indicate the changing concept in the teaching of regional Geography.

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(11)

(Turn over)

10. Discuss the importance of map in teaching Geography.
11. Explain the importance of work books in Geography.
12. What do you mean by Audio-visual Aids ?
Discuss the importance of Television in teaching Geography.

Section – C

Write Short notes on any **two** of the following :
(Write the answer within 150 – 200 words)

5×2 = 10

13. Direct observation method
14. Importance of Teaching Aids
15. Field Trip in Geography Teaching
16. Guide Book



2015

Time : As in Programme

Full Marks : 70

The figures in the right-hand margin indicate marks.

Answer questions in each Section as per direction.

Section – A

Answer any **three** (write the answer within 700-1000 words each) : $12 \times 3 = 36$

1. What do you mean by Educational Technology. Discuss the significance of Educational technology in teaching learning process.
2. Differentiate between Educational Technology and Instructional Technology.
3. Define Communication. Explain different types of communication.
4. What do you mean by writing educational objectives in behavioural terms ? Why do we

write instructional objectives in behavioural terms ?

5. Define System Approach. Discuss the steps of system approach.
6. Define Teaching Strategies. Discuss the functions of Teaching Strategies.

Section - B

Answer any **three** (write the answer within 400-500 words each) : $8 \times 3 = 24$

7. Differentiate between Hardware and Software approach in Educational Technology.
8. Discuss the uses of Educational Technology in teaching-learning process.
9. What do you mean by models of Teaching ?
What are the different types of teaching models ?
10. How role playing can be used in simulation ?
Discuss the procedure in the context of student-teacher training.
11. Differentiate between Linear and Branching Programming.

OV - 44/3

(2)

Contd.

12. Discuss the role of CIET as resource centre.

Section - C

Answer any **two** (write the answer within 150 - 200 words each) :

13. Write short notes on the following : $5 \times 2 = 10$
 - (a) Cognitive Domain
 - (b) Role of Mass Media
 - (c) Computer Assisted Instruction
 - (d) Tele Conferencing



OV - 44/3 (700)

(3)

IIS-CBCS-(MA) —
DDCE (P - VI) - Edn

2015

Time : As in Programme

Full Marks : 70

The figures in the right-hand margin indicate marks.

Answer questions in each Section as per direction.

Section – A

Answer any **three** of the following : 12×3 = 36

1. Describe the need for research in Educational and bring out the need and utility of Action Research.
2. Discuss some significance research problems relating to teaching process, instructional objectives and evaluation.
3. Describe the nature of experimental method.
4. What is tetrachoric correlation ? When is it computed ? Discuss its computation process.

5. Explain the differences between parametric and non-parametric tests of significance.

Section – B

Answer any **three** questions of the following :

8×3 = 24

6. Discuss various types of descriptive research.
7. Describe the limitations of two-group static design.
8. Illustrate the use of two groups randomised subject, post test only design.
9. What is partial correlation ? Describe it's characteristics and applications.
10. Describe the nature of co-relational research.

Section – C

Answer any **two** questions of the following :5×2 = 10

11. Write short notes on the following :

- (a) Level of significance
- (b) Degrees of freedom

OV – 45/3

(2)

Contd.

12. Differentiate between two-tailed and one-tailed tests.

13. Discuss about Type I and Type II errors.

14. Describe two advantages and two limitations of Interview Schedule in educational research.



OV – 45/3 (700)

(3)

IIS-CBCS-(MA) —
DDCE (P – VII) – Edn

2015

Time : As in Programme

Full Marks : 70

The figures in the right-hand margin indicate marks.

Answer questions in each Section as per direction.

Section – A

Answer any **three** questions of the following :

12×3 = 36

1. Discuss the nature and scope of Educational Mangement.
2. Define educational administration. Discuss the purpose of educational administration.
3. What are the functions of CABE and how are they performed ?
4. What are the special responsibilities of local managements in the expansion of educational facilities in rural India.

5. Discuss the principles of Educational Supervision.
6. Describe briefly the different methods of financing education in your State.

Section - B

Answer any **three** questions of the following :

8×3 = 24

7. Discuss the nature and scope of educational administration.
8. Describe the organisational set-up of the Education Department of your State.
9. What important part has been played by Private Agencies in spreading education in our country ?
10. Distinguish between supervision and inspection. What are the modern objectives of School Supervision ?
11. What are the sources of educational finance in your State ?

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(2)

Contd.

12. Discuss the need and importance of Educational Planning.

Section - C

13. Write short notes on any **two** of the following :

5×2 = 10

- (a) Functions of Educational Administration
(b) University Grants Commission
(c) Need of School Management Committee
(d) Grant-in-aid system



OV - 46/3 (700)

(3)

IIS-CBCS(MA) —
DDCE (P - VIII) - Edn

IIS-CBCS(MA) —
DDCE (P – IX) – Edn

2015

Time : As in Programme

Full Marks : 70

The figures in the right-hand margin indicate marks.

Answer each Section as per direction.

Section – A

Answer any **three** questions of the following :

12×3 = 36

1. Define the term comparative education. Enumerate the main features and objectives of studying comparative education.
2. What is historical approach to comparative education ? Explain its merit and demerit with suitable example.
3. Draw a comparative analysis of elementary education in India and U. K.

OV – 47/2

(Turn over)

4. The origin of distance education is the form of Open University established in UK. Discuss this statement.
5. Comparative analysis the teacher education programme in India and U. S. A. with reference to objectives, training programme and role of teacher.
6. Compare the administrative structure of education in U. S. A and India.

Section - B

Answer any **three** questions of the following :

7. Discuss the purpose and scope of comparative education. 8×3 = 24
8. Describe the problem approach and its uses in comparative study.
9. Enumerate the similarities and differences between U. S. A and Indian Primary Education.
10. Describe the development of distance education in U.S.A.

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(2)

Contd.

11. Write an essay on teacher's status and condition in U. K
12. What do you mean by Environmental Education ? Describe the policy formulated by India and U.S.A. for environmental protection.

Section - C

13. Write short notes on any **two** of the following : 5×2 = 10
 - (a) Computer Education in U. S. A. and India
 - (b) Higher Education in India and U.S.A.
 - (c) Language Problem in India
 - (d) Population Education in India and U.K.



OV - 47/2 (700)

(3)

IIS-CBCS(MA) —
DDCE (P-IX) - Edn