

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.13—PEDAGOGIC PRACTICES IN SOCIAL SCIENCE

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 2 marks.

1. What is the importance of 'Pedagogic Analysis' ?
2. Suggest any two historical community resources.
3. Differentiate between cognitive constructivism and social constructivism.
4. What do you mean by outcome-based instruction ?
5. Differentiate between year plan and unit plan.
6. Define Achievement test.
7. What are the characteristics of critical pedagogy ?
8. Name any two social science club activity.
9. Write down the qualities of a good social science textbook.
10. Write the instructional effects of concept attainment model.

(10 × 2 = 20 marks)

Part B

Answer any ten questions.

Each question carries 4 marks.

11. Write a short note on planning of instruction.
12. Explain the criteria needed for good textbook in Social Science.
13. Explain the activities that can be given to the students to teach the content 'Nationalism'.
14. Explain the concept of constructivism.

Turn over

15. How can a teacher encourage students to use Social Science Library effectively ?
16. What are community resources ? How will you use community resources in Social Science teaching and learning ?
17. What do you mean by a concept ? Explain elements of a concept.
18. Discuss the scope of Jurisprudential Inquiry Model in teaching of Social Science.
19. Give Pedagogical analysis of any one of the following topic :
 - (a) Revolt of 1857.
 - (b) Indian Nationalism.
20. Differentiate achievement test and diagnostic test.
21. Explain the uses of handbooks in Social Sciences.
22. How the recent changes in Social Science in the State of Kerala influence pedagogical aspects of Social Science subjects ?

(10 × 4 = 40 marks)

Part C

Answer any two questions.

Each question carries 10 marks.

23. Explain the concept need and significance of inclusive education. As a Social Science teacher, how will you dial children with diverse needs.
24. Mention the importance of audio-visual technology and mass media. Explain the ways to its effective utilization.
25. Prepare a lesson plan in constructivist format for teaching a topic of your choice.

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.12—PEDAGOGIC PRACTICES IN PHYSICAL SCIENCE

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 2 marks.

1. Point out any *four* uses of Physical Science textbooks.
2. Give the difference between instructional and nurturant effects of models of teaching.
3. How is a supplementary reader different from a reference book in science ?
4. List any *two* learning outcomes of the topic "Refraction of light".
5. What do you mean by banking concept of education ?
6. Write the benefits of planning in the teaching of Physical Science ?
7. Mention the features of debate.
8. What are the merits of audio visual aids in the learning of Physical science ?
9. Construct any *two* higher order test items based on any topic in Physical Science.
10. What are the uses of museums in the learning of Physical science ?

(10 × 2 = 20 marks)

Part B

Answer any ten questions.

Each question carries 4 marks.

11. Write a short note on the recent changes in Physical science teaching in the state of Kerala.
12. Suggest any *two* learning activities that you would select to teach the topic "Electroplating".
13. Describe the meaning and importance of content analysis.

Turn over

14. What do you mean by unit planning ? Give the format of a unit plan.
15. Explain the role of teacher in Inquiry Training Model.
16. Explain the precautions to be taken by the teacher to avoid accidents in the Physical Science laboratory.
17. Discuss the significance and features of teacher texts.
18. Briefly explain the different functions of evaluation.
19. Describe the elements of a concept with the help of suitable examples.
20. What are the steps involved in the construction of an achievement test.
21. How can you organize science exhibition in your school ? Mention the merits of science exhibition.
22. How will you describe a model of teaching ? Explain.

(10 × 4 = 40 marks)

Part C

Answer any two questions.

Each question carries 10 marks.

23. “Educational diagnosis is an important factor in modern education”. Substantiate. Explain the construction of diagnostic test.
24. Discuss the meaning and objectives of Pedagogic analysis. Give pedagogic analysis of any unit in Physics / Chemistry at Secondary School Level.
25. What are the important library resources for Science ? Describe the main objectives and organization of science library.

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.11—PEDAGOGIC PRACTICES IN NATURAL SCIENCE

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 2 marks.

1. State any two Instructional objectives of science under Affective domain. Mention the specific behaviours.
2. What is the role of textbook in teaching-learning of Biology ?
3. Give two science club activities that promote process skill development.
4. Differentiate between selection type item and supply type item in evaluation with examples.
5. What information does a teacher's Hand book should contain ?
6. What are the shifts in role of a learner in Constructivist pedagogy ?
7. Explain any two activities connected with the teaching of Biology which promotes the use of library.
8. Mention any two types of Biological drawings at high school classes.
9. Differentiate between scoring key and marking scheme.
10. "Teacher should be a scaffolder"- Comment.

(10 × 2 = 20 marks)

Part B

Answer any ten questions.

Each question carries 4 marks.

11. Bring out the interrelationship among Objectives, Learning experience and Evaluation.
12. Why is it important for a teacher to carry out Diagnostic evaluation ?
13. List out the major objectives of organizing a science fair.

Turn over

14. 'Planning is a key to good teaching'. Discuss.
15. Mention the major ideas of Constructivism in science education.
16. Write down the major concepts you will develop when teaching the topic 'Human Skeletal System'.
17. What do you mean by Pedagogical Analysis ? Explain its significance in the teaching of Biology.
18. Analyse the content of the topic 'Chemistry of Photosynthesis'.
19. Enumerate the functions of CCE.
20. Write down the evaluation criteria for a project in Biology.
21. List down the type of registers maintained in a science laboratory.

(10 × 4 = 40 marks)

Part C

*Answer any two questions.
Each question carries 10 marks.*

22. Select any one of the following topics and prepare a constructivist lesson plan based on the revised Blooms Taxonomy :
 - a) Human Respiratory system- Standard IX.
 - b) Plant Cell-Standard VIII.
23. Life Science is considered as one of the major disciplines influencing human life and its development. Discuss in light of the broad national goals of teaching Natural Science.
24. Explain the steps in the construction of an Achievement test in biology by selecting a topic from secondary school textbook.

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.10—PEDAGOGIC PRACTICES IN MATHEMATICS

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer all questions.
Each question carries 2 marks.*

1. Enumerate the steps in pedagogical analysis.
2. List the objectives in teaching Arithmetic Sequences of class X.
3. Write any *two* importance of preparing year plan.
4. What are the stages of child's cognitive development according to Bruner ?
5. ~~What are the~~ elements of models of teaching ?
6. Write two merits of work books in Mathematics.
7. What do you mean by continuous and comprehensive evaluation ?
8. Write two prerequisites to learn the topic "Tangents" ?
9. What is remedial teaching ?
10. What are graphic organizers ?

(10 × 2 = 20 marks)

Part B

*Answer any ten questions.
Each question carries 4 marks.*

11. How can you introduce the topic "Trigonometry" ?
12. Discuss various families of models of teaching.
13. Explain the importance of unit plan.
14. What are the educational implications of the theory of Piaget in Mathematics teaching ?
15. What is content analysis ? Analyse the content "Circles" of Standard IX.
16. Explain various phases involved in Inquiry Training Model.

Turn over

17. What are the characteristics of a good mathematics text book ?
18. Explain the importance of mathematics lab by taking an example from Standard VIII.
19. Discuss the importance of improvised aids in Mathematics.
20. What are the steps involved in the construction of a diagnostic test ?
21. Briefly discuss various types of questions that can be useful for the preparation of an achievement test.
22. What are the common errors a student commits while solving problems relating to "Equations" ?
Give remedial measures.

(10 × 4 = 40 marks)

Part C

*Answer any **two** questions.*

Each question carries 10 marks.

23. Explain Gagne's theory of learning, taking suitable example from Mathematics. Write the educational implications.
24. Select any topic from secondary school mathematics and prepare a lesson plan based on constructivist format.
25. Explain the different stages of planning instruction.

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.9—PEDAGOGIC PRACTICES IN COMPUTER SCIENCE

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 2 marks.

1. What is Pedagogic analysis ?
2. List out the elements of Content analysis.
3. Write the importance of Planning Instruction.
4. What is Constructivist Lesson Planning ?
5. Write a note on Teacher's Handbook.
6. Mention the need of IT club in schools.
7. Define Models of Teaching.
8. Write any two advantages of LAN.
9. What is the main purpose of a Blueprint ?
10. Give the uses of Diagnostic Test in Computer Science teaching.

(10 × 2 = 20 marks)

Part B

Answer any ten questions.

Each question carries 4 marks.

11. Write in detail about the need and objectives of Pedagogic analysis.
12. Describe the significance of Constructivist Learning Design.
13. Explain the need and importance of lesson planning.
14. Enumerate the differences between Unit plan and Lesson plan.

Turn over

15. How e-resources are helpful in effective teaching and learning in Computer Science ?
16. Give a note on web-based resources for teaching and learning computer science education.
17. Elaborate the significance of Reference Materials in teaching and learning Computer Science.
18. Describe the different families of models of teaching.
19. Explain the syntax of Jurisprudential Inquiry Model with the help of suitable topic in computer science +1 text book.
20. Write note on :
 - (a) Online Test.
 - (b) Online Assignment.
21. What are the criteria for evaluating a Seminar presentation ?
22. How will you construct an Achievement Test in Computer Science ?

(10 × 4 = 40 marks)

Part C

*Answer any two questions.
Each question carries 10 marks.*

23. Discuss the scope of ICT enabled teaching and uses of online activities in learning Computer Science at Higher secondary level.
24. Describe the various dimensions of Concept Attainment Model of teaching.
25. Explain the educational importance of Computer Laboratory. How will you set up a Computer Laboratory ?

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.8—PEDAGOGIC PRACTICES IN COMMERCE

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer all questions.
Each question carries 2 marks.*

1. Mention the role of hand book for teaching commerce.
2. Specify the role of teachers in the process of accommodation of concepts.
3. Point out the drawbacks of evaluation approach based lesson planning.
4. Write down the objectives of problem posing education.
5. Prepare a sample activity aid design from any concept in business management.
6. What is meant by 'advance organizer' ?
7. 'Pedagogy is the science of teaching'. How ?
8. Frame two 'multiple choice test items' from the topic 'journalising'.
9. Write down the role of oral data in teaching - learning process.
10. Enlists four e - journals related with business.

(10 × 2 = 20 marks)

Part B

*Answer any ten questions.
Each question carries 4 marks.*

11. How to help students to differentiate journal with ledger ?
12. Make an analysis of the content of the topic 'Partnership deed'.
13. Discuss Bruner's views on constructivism.
14. Explain the underlying principles followed in objective type item selection for test achievement test construction.

Turn over

15. Elaborate the process involved in inquiry skills among commerce students through Inquiry Training Model.
16. Describe the role of source documents in learning accounting principles.
17. Prepare a draft format of an ICT enabled lesson template on business studies.
18. What are the criteria to be followed while selecting places for field visits among commerce students? Give examples also.
19. How to develop critical consciousness through issue based instructional practices?
20. Give an explanatory note on 'critical pedagogy'.
21. Explain the learning environment and curriculum transaction modes for behaviourists approach.
22. Explain the operational heart of Concept Attainment Model.

(10 × 4 = 40 marks)

Part C

*Answer any **two** questions.*

Each question carries 10 marks.

23. Construct a draft achievement test on the unit 'Staffing' based on its underlying principles of construction.
24. Write a lesson plan based on constructivist format on the topic 'admission of a partner'.
25. Describe the psychological bases of multiple intelligence theory. Explain ways and means for incorporating multiple intelligence theory in lesson planning process of accounting.

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.7—PEDAGOGIC PRACTICES IN URDU

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

نوٹ : تمام سوالوں کے جواب لازمی ہیں۔ ہر ایک سوال کے دو نشانات عطا ہیں۔

(10 × 2 = 20 marks)

- ① تدریس سٹرکسے کہتے ہیں؟
- ② تدریسی اخراجات کسے کہتے ہیں؟
- ③ اردو زبان کے نصابی ذرائع کسے کہتے ہیں؟
- ④ ای۔ بک (e-book) کسے کہتے ہیں؟
- ⑤ تدریسی تجزیہ کسے کہتے ہیں؟
- ⑥ مضمونی تجزیہ (Content Analysis) کسے کہتے ہیں؟
- ⑦ منصوبہ بندی کے اقدام کسے کہتے ہیں؟
- ⑧ زبانی لیاب (Language Lab) کسے کہتے ہیں؟
- ⑨ تشخیصی تدریس (Remedial Teaching) سے کیا مراد ہے؟
- ⑩ جانچ (Evaluation) کسے کہتے ہیں؟

Part B

(10 × 4 = 40 marks)

نوٹ : مندرجہ ذیل بارہ سوالوں میں سے کسی بھی دس سوالوں کے جواب تحریر کیجئے۔ ہر سوال کے چار نشانات مقرر ہیں۔ (۱۲)

- ۱۱۔ تدریس میں محرکہ (Motivation) کی کیا اہمیت ہے؟
- ۱۲۔ مسلسل اور جامع جائزے (Continuous and Comprehensive Evaluation) کسے کہتے ہیں؟
- ۱۳۔ تحلیلی امتحان Achievement Test کسے کہتے ہیں؟

- ۱۴۔ بلڈ خوانی کی خوبیاں کون کونسی ہیں؟
- ۱۵۔ گریڈنگ (Grading) کی قسمیں کون کونسی ہیں؟
- ۱۶۔ تدریسی منصوبہ بندی کے بارے میں آپ کیا جانتے ہیں؟
- ۱۷۔ فلاش کارڈ (Flash Card) کی تعریف اپنی زبان میں کیجئے۔
- ۱۸۔ ای۔ لائبریری (e-library) کو اپنے خیالات کا اظہار کیجئے۔
- ۱۹۔ سبھی آلات کون کونسی کوشش ہیں؟ بیان کیجئے۔
- ۲۰۔ سالانہ منصوبہ بندی (Year Plan) کے بارے میں آپ کیا جانتے ہیں؟
- ۲۱۔ تدریسی نمونے (Teaching models) کے بارے میں آپ کیا جانتے ہیں؟
- ۲۲۔ تدریسی کتاب (Teaching Book) کے بارے میں آپ کیا جانتے ہیں؟

Part C

(2 × 10 = 20 marks)

نوٹ: مندرجہ ذیل تین سوالوں میں سے کسی بھی دو سوالوں کے جواب مطلوب ہیں (۲) (۳)

۲۳) مذہبی میں مضمون پر بندی کی کیا اہمیت ہے؟ اس کے مختلف اہم اقدامات پر ایک تفصیلی نوٹ تحریر کیجئے۔

۲۴) مضمونی تجزیہ (Content Analysis) کی افادیت بیان کیجئے اور اس کے اہم

عناصر (Components) پر ایک نوٹ تحریر کیجئے۔

۲۵) اردو نصاب اور اس کے اہم ذرائع (Resources) کے بارے میں پرچہ کیا جانتے ہیں؟ بیان کیجئے۔

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**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.6—PEDAGOGIC PRACTICES IN TAMIL

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

அனைத்து வினாக்களுக்கும் விடையளி :

1. மாதிரி உருவங்களை விளக்குக.
2. கலைத் திட்டம் என்றால் என்ன ?
3. NCF, KCF—விரிவாக்கம் தருக.
4. அலகுத் திட்டம் தயாரிக்கும் போது மேற்கொள்ளப்படும் படிநிலைகள் யாவை ?
5. தாய்மொழிக் கற்பித்தலின் நோக்கம் என்ன ?
6. அறிவுசார் களத்தின் படிநிலைகள் யாவை ?
7. எவற்றை அடிப்படையாகக் கொண்டு கலைதிட்டம் மாற்றியமைக்கப்படுகிறது ?
8. திட்டமிட்டுக் கற்பித்தலின் வகைகள் யாவை ?
9. கல்வி ஏற்பாடு என்றால் என்ன ?
10. இலக்கிய இன்பம் விளக்குக

(10 × 2 = 20 marks)

Part B

ஏதேனும் பத்து வினாக்களுக்கும் விடையளி :

11. மாதிரிகள்—சான்றுடன் விளக்குக.
12. அலகுத் திட்டத்தின் மாதிரிப்படிவத்தைத் தயார் செய்க.
13. தாய்மொழிவழிக் கல்வி, படைப்பாற்றலுக்கு உதவுமா ? ஆய்க.
14. மொழிப் பயிற்றாய்வுக் கூடம் தேவையா ? நிறுவுக.

15. திட்டமிட்டுக் கற்பித்தலின் பண்புகள் யாவை ?
16. கலைத்திட்டம் உருவாக்குவதின் முக்கியத்துவம் என்ன ?
17. தாய்மொழிக் கற்பித்தலின் சிறப்பு நோக்கங்கள் யாவை ?
18. அலகுத்திட்டத்தின் முக்கியத்துவத்தையும் பயன்களையும் விவரி.
19. மும்மொழிக் கொள்கை ஆய்க.
20. கிளைவழித்திட்டம் விரிவாக விளக்கவும்.
21. படைப்பாற்றல்—விளக்குக.
22. ஒன்பதாம் வகுப்பு தமிழ் பாடநூலின் செய்யுள் பகுதியின் ஆக்கக்கூறுகளை ஆய்க.

(10 × 4 = 40 marks)

Part C

ஏதேனும் இரண்டு வினாக்களுக்கு விடையளிக்கவும் :

23. KCF-2007 இன் நோக்கங்களை ஆய்க.
24. திட்டமிட்டுக் கற்பித்தல் முழுமையானக் கற்றலுக்கு வழிவகுக்குமா ? விளக்குக.
25. உங்களுக்குப் பாடத்திட்டம் தயாரிக்கும் வாய்ப்புக் கிடைத்தால் என்னென்ன விதிமுறைகளைக் கடைபிடிப்பீர்கள் ?

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.5—PEDAGOGIC PRACTICES IN SANSKRIT

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

सर्वे प्रश्नाः समाधेयाः । प्रतिप्रश्नं अङ्कद्वयम् ।

1. मोड्यूल (Module) नाम किम् ?
2. केरलकालिदासः कः ?
3. वेदाङ्गानि कानि ?
4. पञ्चमहाकाव्यानि कानि ?
5. अङ्कगणितस्य आचार्यः कः ?
6. वैज्ञानिकमेघलायां दृश्यमान उद्देश्यानि कानि ?
7. अधिगमाधिष्ठितपठनं (Out come based Learning) नाम किम् ?
8. "पुष्पं परितः भृङ्गाः सञ्चरन्ति" व्याकरणविशेषं लिखत ?
9. मालिनीवृत्तस्य लक्षणं लिखत ?
10. पाठापग्रथनं (Content Analysis) नाम किम् ?

(10 × 2 = 20 marks)

Part B

दशप्रश्नाः समाधेयाः । प्रत्येकं चत्वारोऽङ्काः ।

11. संस्कृतशिक्षणस्य विशिष्टोद्देश्यानि कानि ? समर्थयत ।
12. बोधनापग्रथनस्य (Pedagogic Analysis) घटकाः विशदयत ।

Turn over

13. कूपमण्डूकन्यायमधिकृत्य लघुटिप्पणीं लिखत ।
14. संस्कृतपाठ्यपुस्तकनिर्माणस्य सिद्धान्ताः स्पष्टयत ।
15. आसूत्रणं नाम किम् ? बोधने आसूत्रणस्य आवश्यकता अस्ति वा इति निरूपयत ।
16. "चाक्यारकूत्" अधिकृत्य लघुटिप्पणीं लिखतु ।
17. प्रवर्तनाधिष्ठितपठनं (ABL)—प्रक्रियाधिष्ठितपठनं (POL) वैजात्यं स्पष्टयत ।
18. नाटकशिक्षणस्य प्रयोजनानि लिखत ।
19. स्वभावोक्त्यलङ्कारस्य लक्षणं उदाहरणश्च लिखत ।
20. पद्मासनं नाम किम् ? प्रयोजनानि प्रस्तूयताम् ?
21. दत्तकार्याणि (Assignment) कथं लिखितुं, मुल्यनिर्णयंकर्तुंश्च शक्यते इति स्पष्टयत ।
22. समस्याधिष्ठितपठने (Issue Based Learning) विद्यमान समस्यामधिकृत्य लिखत ।

(10 × 4 = 40 marks)

Part C

द्वयोरुत्तरं देयम् । प्रतिप्रश्नं दशाङ्काः ।

23. उपमायाः उत्प्रेक्षायाश्च साजात्यवैजात्यान् स्पष्टयत ।
24. अष्टमीकक्षयायां अधिगमाधिष्ठितरीत्या एकस्य सुभाषितस्य कृते दैनिकासूत्रणं रचयत ।
25. ब्लूम महोदयस्य उद्देश्यानां वर्गीकरणं लिखित्वा, वैज्ञानिकमेघलायां पुनराविष्कृता उद्देश्यानि स्पष्टीकरणानिश्च विशदयत ।

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.4—PEDAGOGIC PRACTICES IN MALAYALAM

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

എല്ലാ ചോദ്യത്തിനും ഉത്തരമെഴുതുക. 2 മാർക്ക് വീതം.

1. കമ്മ്യൂണിറ്റി റിസോഴ്സസിന് ഉദാഹരണം നല്കി ഇവയെങ്ങിനെ നിങ്ങൾ ഉപയോഗിക്കുമെന്ന് വ്യക്തമാക്കുക.
2. ബ്ലോഗിന്റെ ആവശ്യകത വ്യക്തമാക്കുക.
3. നിഗമനരീതിയുടെ പ്രത്യേകതകളേവ ?
4. അധ്യാപനതന്ത്രത്തിന്റെ സവിശേഷതകൾ കുറിക്കുക.
5. അനുഭവപഠനത്തിന്റെ പ്രാധാന്യമെന്ത് ?
6. ഉപന്യാസ ചോദ്യങ്ങളുടെ പരിമിതികൾ രേഖപ്പെടുത്തുക.
7. ആന്തരിക വൈയക്തിക ബുദ്ധിക്ക് ഉദാഹരണം നല്കി വിശദീകരിക്കുക.
8. എന്താണ് പ്രത്യക്ഷ ഉപമകൾ ?
9. ഭാഷാ സ്വാംശീകരണ ഉപകരണം ആരുടെ ആശയമാണ് ? വിശദീകരിക്കുക.
10. പാത്രനാട്യത്തിന്റെ ലക്ഷ്യങ്ങൾ ഏവ ?

(10 × 2 = 20 marks)

Part B

പത്തു ചോദ്യങ്ങൾക്കുത്തരമെഴുതുക. 4 മാർക്ക് വീതം.

11. എന്താണ് ജൻഡർ അനാലിസിസ് കൊണ്ടുദ്ദേശിക്കുന്നത് ? ഇതിന്റെ പ്രയോജനമെന്ത് ?
12. കൈത്താങ്ങു നല്ലത് കൊണ്ടുദ്ദേശിക്കുന്നതെന്ത് ? വിശദീകരിക്കുക.
13. ബോധനസഹായികൾ തെരഞ്ഞെടുക്കുന്നതിനുള്ള മാനദണ്ഡങ്ങളേവ ?
14. പീയാഷേയുടെ സിദ്ധാന്തത്തിന്റെ പോരായ്മകളായി ചൂണ്ടിക്കാട്ടപ്പെടുന്നത് എന്തൊക്കെയാണ് ?
15. അഭ്യാസരീതിയുടെ പ്രത്യേകതകളേവ ?
16. നാടകീകരണത്തിന്റെ മേന്മകളേവ ?

Turn over

17. തുള്ളൽപ്പാട്ടുകൾ അവതരിപ്പിക്കുമ്പോൾ കുട്ടികൾക്കായി നിങ്ങൾ തയ്യാറാക്കുന്ന വിലയിരുത്തൽ സൂചകങ്ങളേവ ?
18. സർഗ്ഗാത്മകത ആർജ്ജിക്കാനാവുമോ ? വിശദീകരിക്കുക.
19. കഥാപാത്ര നിരൂപണം നടത്തുമ്പോൾ കുട്ടികളിൽ വികസിക്കേണ്ട കഴിവുകളേവ ? വിശദമാക്കുക.
20. അമ്മമ്മ എന്ന പാഠം നല്ല സന്ദേശമെന്ത് ? ഈ പാഠത്തിന്റെ ബോധനത്തിനായി നിങ്ങൾ തെരഞ്ഞെടുക്കുന്ന ബോധനസഹായികൾ കമ്മ്യൂണിറ്റി റിസോഴ്സസ് ഇവ വിശദമാക്കുക.
21. ഭാഷണനെപുണി പരിശോധിക്കുന്നതിനുള്ള മാർഗ്ഗങ്ങളേവ ?
22. സംവാദം വിലയിരുത്തുന്നതിനുള്ള മാനദണ്ഡങ്ങളേവ ?

(10 × 4 = 40 marks)

Part C

രണ്ടു ചോദ്യത്തിനുത്തരമെഴുതുക. 10 മാർക്ക് വീതം.

23. സമൂഹം ജ്ഞാനനിർമ്മിതിയെ എങ്ങനെ സഹായിക്കുന്നു ? വിശദീകരിക്കുക.
24. അധ്യാപനത്തിൽ ആസൂത്രണത്തിന്റെ പ്രാധാന്യമെന്ത് ?
25. ഓർമ്മകൾക്കെന്തു സുഗന്ധം എന്ന യൂണിറ്റിന്റെ ഉദ്ദേശ്യമെന്ത് ? പഠന പ്രവർത്തനങ്ങൾ കുറിക്കുക.

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.3—PEDAGOGIC PRACTICES IN HINDI

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

I. निम्नलिखित सभी प्रश्नों के उत्तर लिखिए। प्रत्येक प्रश्न के लिए 2 अंक :

- 1 व्यक्त कीजिए भाषा शिक्षण सिद्धांत में स्वाभाविक क्रम।
- 2 'खोज प्रशिक्षण प्रतिमान' किस प्रतिमान परिवार में आते हैं। उसका समर्थक कौन है ?
- 3 दैनिक योजना के दो गुण लिखिए।
- 4 मूल्यांकन की दो आवश्यकताएँ लिखिए।
- 5 टिप्पणी लिखिए 'प्रत्यक्ष विधि'।
- 6 मौनवाचक के चार गुण लिखिए।
- 7 स्पष्ट कीजिए "श्रुतलेख"।
- 8 "स्पष्टीकरण" (Specification) माने क्या है ?
- 9 दो उदाहरण द्वारा व्यक्त कीजिए 'तदभव' शब्द।
- 10 उच्चारण संबंधी अशुद्धियों का चार कारण लिखिए।

(10 × 2 = 20 marks)

Part B

II. किन्हीं दस प्रश्नों के उत्तर लिखिए। प्रत्येक प्रश्न के लिए 4 अंक :

- 11 सामाजिक ज्ञान निर्मिति वाद की विशेषताएँ लिखिए।
- 12 'मोटीसरी विधि' —टिप्पणी लिखिए।

Turn over

- 13 संक्षिप्त परिचय दीजिए पर्यवेक्षित अध्ययन (Supervised Study)
- 14 आत्यंतिक मूल्यांकन (Summative Evaluation) व्यक्त कीजिए। उसकी दो आवश्यकताएँ लिखिए।
- 15 रूब्रिक्स (Rubrics) टिप्पणी लिखिए। निर्दिष्ट कार्य (Assignment) मूल्यांकन (Evaluation) का एक रूब्रिक्स तैयार कीजिए।
- 16 संक्षिप्त परिचय दीजिए समस्या समाधान विधि (Problem Solving Method) और सोपान।
- 17 सर्वनाम और उसके प्रकारों को दो दो उदाहरण द्वारा व्यक्त कीजिए।
- 18 टिप्पणी लिखिए लगातार समग्र मूल्यांकन (Continous Comprehensive Evaluation)
- 19 निदानात्मक परीक्षा माने क्या है। निदानात्मक परीक्षा तैयार करते समय किन किन बातों पर ध्यान देना चाहिए।
- 20 वाचन दोष उपचार के लिए किसी चार उपाधियों को व्यक्त कीजिए।
- 21 आप ईकाई योजना (Unit Plan) क्यों तैयार करते हैं। व्यक्त कीजिए।
- 22 टिप्पणी लिखिए 'प्रत्यक्ष विधि'।

(10 × 4 = 40 marks)

Part C

III. किन्हीं दो प्रश्नों का उत्तर लिखिए। प्रत्येक प्रश्न के लिए 10 अंक :

- 23 मूल्यांकन का अर्थ स्पष्ट करते हुए एक अच्छे मूल्यांकन सामग्री का अवश्य चार गुण व्यक्त कीजिए।
- 24 भाषी शिक्षण के लिए उपयोगी सृजनात्मक शिक्षण प्रणाली () का स्वरूप या सोपान व्यक्त कीजिए।
- 25 लेखन संबंधी अशुद्धियों का पाँच कारण तथा निवारण मार्ग लिखिए।

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.2—PEDAGOGIC PRACTICES IN ENGLISH

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 2 marks.

1. What is the significance of e-library ?
2. What is a Test ?
3. Give two principles of Grammar Translation Method.
4. What are the two merits of Essay type Questions ?
5. What is Year Plan ?
6. Give the advantages of Grading.
7. What do you mean by Discourses ?
8. What is Transcreation ?
9. How do advertisements facilitate an English class ?
10. What are Content words ? Give examples.

(10 × 2 = 20 marks)

Part B

Answer any ten questions.

Each question carries 4 marks.

11. Write the qualities of a good test and explain.
12. Explain the term 'Pedagogical Analysis.'
13. Which are the two types of Compositions ? Explain each.

Turn over

14. Differentiate Active and Passive Vocabulary.
15. Distinguish between Extensive and Intensive Readers.
16. Mention the Objectives of teaching Poetry .
17. Select any *two* words from Std. IX Coursebook and write a teaching sequence for conveying its meaning.
18. Suggest four activities which would help to develop creativity among students ?
19. List any *four* instructional materials and reveal how it helps English class ?
20. What all aspects would you consider while editing a textbook ?
21. Differentiate Inductive and Deductive method of teaching Grammar.
22. Suggest four ways to improve the listening skill of students ?

(10 × 4 = 40 marks)

Part C

*Answer any two questions.
Each question carries 10 marks.*

23. Prepare a Lesson Plan on a prose Passage (one Sub-unit only) of your choice for Std. IX students from their Coursebook.
24. Write about any *two* Approaches in English Language Teaching. Bring out its merits and limitations
25. Write an essay on how technology can facilitate English Language class.

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 09.1—PEDAGOGIC PRACTICES IN ARABIC

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part I

(10 × 2 = 20 marks)

أجب عن عشرة من الآتية ولكل علامتان :

- (1) عرّف التقويم ؟
- (2) ما هي خطة الكبرى ؟
- (3) عرّف مقومات التقويم ؟
- (4) خصائص اللغة ؟ ما هي ؟
- (5) ما هي التعليم الإلكتروني ؟
- (6) ما هي المدونة ؟ وما هي ؟
- (7) كم أنواع الإملاء ؟
- (8) كم أنواع التعليم الإلكتروني ؟ وما هي ؟
- (9) ما هي التعلم المختلط ؟ (Blended Learning)
- (10) هل تعرف كوفيد 19 ؟

Part II

(10 × 4 = 40 marks)

أجب عشرة من الآتية ولكل أربع علامات :

- (11) هل تساعد الوسائل الإجتماعية في تعليم اللغة العربية ؟
- (12) اكتب الآيات عن التدخين ؟
- (13) اكتب أدوار المرأة في الحياة ؟

- (14) بين التعليم المتمرّج ؟ (Blended Learning)
- (15) اكتب عن كياش ستيارثي ؟ (Kailash Sathyarthi)
- (16) اكتب عن المجالات المدرسة ؟
- (17) اكتب فقرة موجزة عن ألف سلام ؟ (منظومة)
- (18) وضح النواتج التعلمية ؟ (Learning Outcome)
- (19) فَرِّق بين التقويم التشكيلي والإجمالي ؟ (Formative and Summative)
- (20) اكتب مبادئ عن المنهج الدراسي ؟
- (21) اكتب خطوات لإنشاء الإختباري التحصيلي ؟
(Achievement test construction)
- (22) اكتب أدوات التقويم ؟

Part III

(2 × 10 = 20 marks)

أجب عن سؤالين من الآتية ولكل عسرة علامات :

- (23) اختر محادثة من كتب اللغة العربية في المدارس وأعد التحليل البيداغوجي باستعمال كافة خطوات التحليل ؟
- (24) اشرح عن التقويم ؟ والأدوات المختلفة لتقويم المستمر والمستوعب ؟ وبين عن الطراز المختلفة للإختبار ؟
- (25) بين أهمية TPCKA في تعليم اللغة العربية ؟

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 08—ASSESSMENT FOR LEARNING

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer all questions.
Each question carries 2 marks.*

1. What is meant by Synoptic assessment ?
2. Write any *four* rules for constructing multiple choice questions ?
3. Define Quartiles and write the formula of Q_1 and Q_3 ?
4. What is the importance of motivation scale in assessment ?
5. How will you ensure fairness in assessment ?
6. What is Blue print ? Write any *two* uses of blue print ?
7. List out any *four* assessment tools in the affective domain ?
8. Define Portfolio. What are the two basic types of portfolio ?
9. Write your view about grade :
 - (i) From a learner perspective ; and
 - (ii) From a measurement perspective ?
10. Write any *two* recommendations of NPERC regarding the examination reforms ?

(10 × 2 = 20 marks)

Part B

*Answer any ten questions.
Each question carries 4 marks.*

11. Compare the teacher made test and standardised test ?
12. Explain the purpose of assessment implied by Behaviourism ?

Turn over

13. What is CCE ? What are the specific reasons to implement CCE ?
14. Discuss the different assessment process in a constructivist classroom ?
15. Explain the characteristics of formative evaluation ?
16. Describe the teacher's role in assessment for learning ?
17. Summarise the steps in the construction of a diagnostic test ?
18. Discuss the usefulness of diagrams and graphs in assessment and evaluation ?
19. List out the advantages of examination on demand ?
20. Explain the qualities of a good test ?
21. Evaluate the issues in classroom assessment ?
22. The scores obtained by students in a competitive examination are given below. Find its standard deviation :

Score	:	45	50	55	60	65	70
Number of students	:	5	13	4	9	5	4

(10 × 4 = 40 marks)

Part C

Answer any two questions.

Each question carries 10 marks.

23. Explain the principles of good practices for assessing students learning ?
24. Explain the steps involved in the preparation of an achievement test ?
25. Define correlation and explain its types ? Calculate the Karl Pearson's correlation co-efficient from the following data :

X	:	11	10	9	8	7	6	5
Y	:	20	18	12	8	10	5	4

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 07—FACILITATING LEARNING

(2017 Syllabus)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 2 marks.

1. What do you mean by learning readiness ?
2. Define Achievement Motivation ? How will you measure it ?
3. What is Equilibration according to Piaget ?
4. What is brain based learning ? Name any *two* instructional strategies associated with brain based learning.
5. Mention the conclusions that Ebbinghaus arrived at from the curve of forgetting.
6. Define Counselling. Who is the proponent of directive counselling ?
7. Give the meaning of metacognition.
8. Differentiate between formal and informal learning environments.
9. What is chaining according to Gagne ? Illustrate.
10. How is learning and maturation related.

(10 × 2 = 20 marks)

Part B

Answer any ten questions.

Each question carries 4 marks.

11. Distinguish between proactive and retroactive inhibition.
12. What do you mean by positive transfer of learning ? Suggest ways to facilitate maximum positive transfer.
13. Comment on the ideas put forward by Carl Rogers in his theory of Experiential learning.
14. Suggest some techniques you may adopt to improve memory.

Turn over

15. Give a brief description of the types of teaching models.
16. Define Group. What are the types of groups according to Cooley's classification.
17. Comment on the role and importance of reflective practices in learning.
18. State and explain the meaning of learning styles. What are the main cognitive learning styles ?
19. What is intrinsic motivation? How is it different from extrinsic motivation ? Explain with examples.
20. "Learning is not passive, but an active process of discovery". Substantiate.
21. Differentiate between negative reinforcement and punishment.
22. Write an account on expository learning.

(10 × 4 = 40 marks)

Part C

Answer any two questions.

Each question carries 10 marks.

23. Explain the theory of Social Constructivism propounded by Vygotsky. How does it differ from Behaviourism ?
24. What is the meaning of guidance ? Explain the different types of guidance that can be rendered in an educational setting. How will you organise a guidance cell in your school ?
25. Comment on the Multi-stage model of memory. What are its educational implications ?

(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. DEGREE (REGULAR/SUPPLEMENTARY)
EXAMINATION, APRIL 2021**

B.Ed.

EDU 06—PERSPECTIVES ON EDUCATION

(2017 Syllabus)

Time : Two Hours

Maximum : 40 Marks

Part A

*Answer all questions.
Each question carries 1 mark.*

1. Define the term 'Education'.
2. What is the etymology of the word 'Philosophy' ?
3. Which is regarded as the primary agent of education ?
4. Who is known as the 'Father of Idealism' in Philosophy ?
5. What is the ultimate goal of education in Jainism ?
6. What is ' Epistemology ' ?

(6 × 1 = 6 marks)

Part B

*Answer all questions.
Each question carries 2 marks.*

7. Explain 'Education as a discipline'.
8. How is Sociology helpful for a teacher ?
9. State the significance of Pragmatism as a School of Philosophy.
10. Enumerate the role of teacher as a Social reformer.

(4 × 2 = 8 marks)

Part C

*Answer any four questions.
Each question carries 4 marks.*

11. 'Education and Philosophy are two sides of the same coin'. Substantiate.
12. Explain the role and responsibilities of teacher as a Nation builder.

Turn over

13. Point out the limitations of Naturalism in education.
14. Define educational sociology and explain its functions.
15. Discuss in detail the educational role of Community.
16. Highlight the advantages and disadvantages of Informal education.

(4 × 4 = 16 marks)

Part D

*Answer any **one** question.
The question carries 10 marks.*

17. Explain the role of education in curbing social evils like corruption, drug abuse, and violence against women.
18. Discuss Islamic education with specific reference to aims of education, curriculum, methods of teaching and role of a teacher.

(1 × 10 = 10 marks)

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**SECOND SEMESTER B.Ed. DEGREE SPECIAL EDUCATION
(HEARING IMPAIRED) EXAMINATION, JUNE 2020**

B.Ed.

B6—INCLUSIVE EDUCATION

(2015 Admissions)

Time : Two Hours

Maximum : 40 Marks

Part A

Answer all questions.

Each question carries 2 marks.

1. Differentiate integration and inclusion.
2. Describe UNCRPD-2006.
3. Write the characteristics of Gifted children.
4. List any two strategies of Peer mediated instruction.
5. What is meant by Advocacy for inclusion in education ?

(5 × 2 = 10 marks)

Part B

Answer any five questions.

Each question carries 4 marks.

6. List out the barriers of Inclusive education.
7. Describe the features of World declaration for education for all.
8. Explain National Curriculum Framework.
9. Differentiate SSA and EDSS.
10. Explain co-teaching methods.
11. What do you mean by Neuro-Developmental disabilities ? List out the categories.
12. What are the advantages of ICT with reference to Inclusive education ?

(5 × 4 = 20 marks)

Part C

Answer any one question.

It carries 10 marks.

13. Enumerate the national and key international policies and frameworks facilitating inclusive education.
14. Discuss the strategies for collaborative working and stakeholders support in implementing inclusive education.

**SECOND SEMESTER B.Ed. DEGREE SPECIAL EDUCATION
(HEARING IMPAIRED) EXAMINATION, JUNE 2020**

B.Ed.

A5(v)—PEDAGOGY OF TEACHING ENGLISH

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer all questions in two or three sentences each.
Each question carries 2 marks.*

1. Give short note on language across curriculum.
2. List any 4 characteristics of eclectic approach of teaching English.
3. Which method or methods will you select the teaching English poetry and why ?
4. Define Direct method.
5. What are the common problems faced by students in writing English ?
6. What are the uses of smart board ?
7. What are the components of language laboratory ?
8. What are the advantages of television as an instructional material ?
9. What do you mean by teaching port folio ?
10. Elaborate BISC.

(10 × 2 = 20 marks)

Part B

*Answer any ten questions in about one page each.
Each question carries 4 marks.*

11. Write a short account on cognitive Academic Language Proficiency.
12. Comment on Teaching English as second language in Indian context.
13. Distinguish Unit Planning and Lesson Planning.
14. Describe planning and adapting unit plan for children with disabilities.
15. Explain the concept and need of evaluation.
16. Write a short account on adaptation of evaluation tools for children with disabilities.
17. Give a short note on error analysis with special reference to teaching of English language.
18. Describe Action Research Plan.

Turn over

19. How will you develop an interactive work sheet for English language ?
20. What do you mean by worksheet and explain the qualities of a good worksheet ?
21. List out any two approaches of teaching English and its advantages.
22. List out any two methods and briefly explain how will you adopt it for children with hearing impairment.

(10 × 4 = 40 marks)

Part C

*Answer any **two** questions in about **four** pages each.*

Each question carries 10 marks.

23. Describe various approaches and methods to teaching English language.
24. Develop an Action Research Plan for measuring the effectiveness of a teaching approach of your interest in English.
25. Elaborate the need and significance of adaptation of evaluation tools for children with disabilities with suitable examples.

(2 × 10 = 20 marks)

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**SECOND SEMESTER B.Ed. DEGREE SPECIAL EDUCATION
(HEARING IMPAIRED) EXAMINATION, JUNE 2020**

B.Ed.

A5(iv)—PEDAGOGY OF TEACHING MALAYALAM

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 2 marks.

1. Write a brief account on classical language in India.
2. List out any two barriers effecting normal listening and comprehension.
3. What do you mean by CCE ?
4. What are the aims of teaching Malayalam ?
5. What is the contribution of Benjamin S Bloom with reference to language ?
6. Write four basic language skills in its sequence.
7. What is a "scrap book" ?
8. What is meant by Remedial Teaching ?
9. Differentiate Handouts and Worksheets.
10. Comment on the present status of Malayalam.

(10 × 2 = 20 marks)

Part B

Answer any ten questions.

Each question carries 4 marks.

11. Discuss the relevance of mother-tongue in a democratic society.
12. Differentiate Unit Plan and Lesson Plan.
13. Explain Taxonomy of Educational Objectives.
14. Discuss the procedure of Lesson Planning in Malayalam.
15. Write short note on critical pedagogy.
16. How can you develop listening skill among students ? Explain.
17. What are the pre-requisites for reading ?
18. Suggest any 4 Audio aids that can be used in teaching and learning of Malayalam with its advantages.

Turn over

19. How will you arrange a language laboratory ? Explain.
20. List out the role of computer and internet in developing language skill.
21. Discuss the problem faced by children with hearing impairment in learning Malayalam. What suggestion can you give to the parents in such case ?
22. Briefly explain the role of story telling and role play in developing language skill among children.
(10 × 4 = 40 marks)

Part C

*Answer any two questions.
Each question carries 10 marks.*

23. Explain the trends and developments in the teaching and evaluation of Malayalam language and Literature.
24. Discuss the need and importance of Lesson plan in Malayalam language teaching and explain the components of a lesson plan in Malayalam language.
25. How can you develop communication skill among children with hearing impairment in Malayalam class and explain the importance of developing functional language among children with HI.
(2 × 10 = 20 marks)

**SECOND SEMESTER B.Ed. SPECIAL EDUCATION (HEARING IMPAIRED)
DEGREE EXAMINATION, JUNE 2020**

B.Ed.

A4 (III)—PEDAGOGY OF TEACHING SOCIAL SCIENCE

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all questions.

Each question carries 2 marks.

- | | |
|------------------------------------|---------------------------|
| 1. Regressive curricular approach. | 2. Socialized recitation. |
| 3. Role play. | 4. Concept mapping. |
| 5. Action research. | 6. Teaching journals. |
| 7. Over Head Projector. | 8. Unit plan. |
| 9. Case study. | 10. Evaluation. |

(10 × 2 = 20 marks)

Part B

Answer any ten questions.

Each question carries 4 marks.

11. Briefly explain the purpose of evaluation.
12. Action research is highly essential in the field of education. Comment.
13. Write the aims and objectives of social science.
14. Discuss the use of different types of boards in social science classroom.
15. Write the need and importance of instructional planning.
16. Differentiate between social science and social studies.
17. What is case study ? Write the need and importance of case study in social science classroom.
18. Write impact of continuous and comprehensive evaluation.
19. Distinguish between unit plan and lesson plan.
20. What is meant teacher made test ? Write the types/principles of the construction of teacher made test.

Turn over

21. What is meant by social science ? Write the scope and nature of social science.
22. Distinguish between project method and lecture method.

(10 × 4 = 40 marks)

Part C

*Answer any two questions.
Each question carries 10 marks.*

23. What is meant by evaluation ? Explain the techniques uses for the evaluation of learners in the classroom.
24. Prepare a modified lesson plan of any topic from social science class IX standard.
25. Define curricular approach. Explain main curricular approach uses in social science curriculum.

(2 × 10 = 20 marks)

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**SECOND SEMESTER B.Ed. DEGREE SPECIAL EDUCATION
(HEARING IMPAIRED) EXAMINATION, JUNE 2020**

B.Ed.

A4(ii)—PEDAGOGY OF TEACHING MATHEMATICS

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer all questions in two or three sentences each.
Each question carries 2 marks.*

1. What is the function of Fractional Discs ?
2. Write any 3 uses of charts in teaching learning process.
3. List out any 4 instruments that can be used in teaching Mathematics to students with disabilities.
4. Discuss the merits and disadvantages of using calculators in the primary class for learning Maths.
5. How will you utilize computer in teaching Mathematics for a visually challenged student ?
6. List out the characteristics of smart boards.
7. What is meant by formative assessment ?
8. Write note on special aids and appliances.
9. Briefly explain contextual learning.
10. List out common errors committed by students with hearing impairment in Mathematics.

(10 × 2 = 20 marks)

Part B

*Answer any ten questions in about one page each.
Each question carries 4 marks.*

11. Write short note on Assumptions and Hypothesis in Mathematics.
12. Discuss the role of Aryabhata in the development of Mathematics.
13. Explain Vygotskian perspectives of Mathematics.
14. Write a brief account on zone of proximal development.
15. Explain Bloom's Taxonomy of Educational objectives.
16. Briefly explain the basic steps of Lesson Planning in Maths.
17. What do you mean by Pedagogical analysis ? Explain the characteristics.
18. Discuss the strategies of Analytic and Synthetic with special reference to Mathematics.

Turn over

19. What are the important aspects of planning lessons of Algebra ? Explain.
20. Differentiate concept formation and concept attainment and explain the characteristics.
21. List out the advantages of advanced organizer model with reference to Mathematics.
22. How can you develop a positive attitude among children with hearing impairment towards Mathematics ? Explain.

(10 × 4 = 40 marks)

Part C

*Answer any **two** questions in about **four** pages each.*

Each question carries 10 marks.

23. Describe the nature of Mathematics and explain the historical developments and contributions of great Mathematicians.
24. If you are asked to prepare a Mathematics question paper for Xth Standard final examination, how will you prepare. Explain the procedures.
25. Explain the components of a lesson plan in Maths and describe the essentials for organizing a Mathematics laboratory.

(2 × 10 = 20 marks)

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**SECOND SEMESTER B.Ed. DEGREE SPECIAL EDUCATION
(HEARING IMPAIRED) EXAMINATION, JUNE 2020**

B.Ed.

A4(i)—PEDAGOGY OF TEACHING SCIENCE

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

Answer all the questions in two or three sentences each.

Each question carries 2 marks.

1. Write the Nature of Science ?
2. List any four impact of Science with special reference to issues related with environment.
3. What are the objectives of teaching Science in secondary school ?
4. What are the basic step of lesson planning in Science ?
5. What are the fundamentals of lesson planning for numerical problem in teaching of Sciences ?
6. Write the format of a unit plan.
7. List the guide lines for conducting pedagogical analysis.
8. What do you mean by Unit Planning ? Write the components of unit plan.
9. List any two methods for direct experience that can be provided in topic.
10. Mention any 4 drawbacks of lecture method with special reference teaching science.

(10 × 2 = 20 marks)

Part B

Answer any ten questions in about one page each.

Each question carries 4 marks.

11. Discuss the characteristics of team teaching.
12. How will you apply computer assisted learning for science subject ?
13. Write the advantages of project method.
14. Cite two situations where group learning is appropriate ?
15. Explain the role of Individual learning with special reference to children with hearing impairment.
16. Explain the concept of co-operative method in Science.
17. Classify the teaching learning aids. Based on types of experience.
18. List any 4 audio visual aids that can be used in classroom.

Turn over

19. Explain the advantages of models and its impact on learning.
20. Discuss the role of science club in learning.
21. What are the characteristics of a Science laboratory ?
22. What measures you can suggest for safety of scientific equipments with reference to children with disability.

(10 × 4 = 40 marks)

Part C

Answer any two questions in about four pages each.

Each question carries 10 marks.

23. Describe the aims and objectives of teaching Science at school level.
24. How will you measure learner achievement in Science ? Discuss based on various Education tools.
25. Suggest suitable curricular adaptation for teaching sciences to students with disabilities.

(2 × 10 = 20 marks)

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**SECOND SEMESTER B.Ed. (SPECIAL EDUCATION) DEGREE [HEARING
IMPAIRED] EXAMINATION, JUNE 2020**

B.Ed.

A3—LEARNING, TEACHING AND ASSESSMENT

(2015 Admissions)

Time : Three Hours

Maximum : 80 Marks

Part A

*Answer all questions in two or three sentence each.
Each question carries 2 marks*

1. What is meant by a Portfolio ?
2. What is meant by pedagogic decisions ?
3. Write a short note on 'Assessment for Learning'.
4. Define intelligence.
5. Give a note on Triarchic theory of Intelligence.
6. Write a short note on summative evaluation.
7. What do you mean by creativity ?
8. What is meant by concept formation.
9. Give the conventional meaning of assessment.
10. Write a short note on continuous evaluation.

(10 × 2 = 20 marks)

Part B

*Answer any ten questions in about one page each.
Each question carries 4 marks.*

11. Compare and contrast assessment and evaluation.
12. Explain procedure of any four assessment strategies.
13. Suggest the internal-external proportion to increase the quality of education.
14. Explain the leadership role of a teacher in the school and community.
15. Elaborate the scope of comprehensive evaluation.
16. What are the factors effecting Sensation and Perception ?

Turn over

17. Explain the meaning and characteristic of thinking.
18. Suggest some techniques for improving memory.
19. Explain the different types of assessment items.
20. Explain any *two* factors theory of Intelligence
21. How will you ensure the objective evaluation of the achievement of hearing impaired children ?
22. Compare the Cognitivism of Piaget and Bruner.

(10 × 4 = 40 marks)

Part C

Answer any two questions in about four pages each.

Each question carries 10 marks.

23. Illustrate the Social constructivism of Vygotsky and Bandura. Explain with educational implications of these theories.
24. Critically evaluate the conventional and constructive perspective of assessment.
25. Analyse the strategies and practices of school examinations with special reference to the assessment of diverse learners.

(2 × 10 = 20 marks)