RAJASTHAN PUBLIC SERVICE COMMISSION, AJMER

SYLLABUS FOR SCREENING TEST FOR THE POST OF LECTURER (PRASUTI TANTRA- STRI ROGA) AYURVED AND INDIAN MEDICINE DEPARTMENT

PART-A

General Knowledge of Rajasthan

Culture & Heritage of Rajasthan:-
1. Dietary Practices of Rajasthan:
   1.1 Indigenous food- Cereal and millets, fruits and vegetables, food of various regions.
   1.2 Seasonal dietary practices, festivals and their Ayurvedic rationale.
   1.3 Tradition of fasting and Upvas.

2. Crops of Rajasthan:
   2.1 Evidence of Crop production in Pre-Historic sites of Rajasthan.
   2.2 Evidence of Crop production in Ancient and Medieval Rajasthan.


4. Medicinal Herbs of Rajasthan.

5. Society of Rajasthan:
   5.1 Traditions, dress and ornaments, fairs & festivals.
   5.2 Folk and Tribal Society: Fairs and festival, social customs, social life and beliefs.

6. Making of Modern Rajasthan:
   6.1 Political and social awakening in 19th century.

Geography of Rajasthan:-
Broad Physical Features: Mountains, Plateaus, Plains and Deserts; Major Rivers and Lakes; Climatic Characteristics; Major Soil types and their distribution; Vegetation types and their distribution; Agricultural types; Livestock; Demographic Characteristics.

Total Questions 30
PART-B

1. **STRI SHARIRA VIGYANA**: Aartavaha and Stanyavaha srotamsi. Tryavarta yoni Stree vishishta peshi marmani.
3. **SHUKRA VIGNYAN**: Description of Shukra, Shukra vriddhi, Kshaya, Shukra dusti their Hetu, Lakshana, and its Chikitsa.
4. **ARTAVA VYAPAD**: Artava Vriddhi, Kshaya, Ashta artava dushti, Asrigadara.
5. **YONI VYAPADA**: Sankhya, Nidana, Lakshana, Upadrava evam Chikitsa with all possible modern correlations.
6. **VANDHYATVA**: Stree Bandhyatva - Prakar, Nidan, Chikitsa.
7. **YONI KANDA, YONI ARSHA**: Granthi and Arbuda of yoni.
8. **STANAROGA**: Stana Keela, StanaVidradhi, StanaShopha.
9. **STHANIK CHIKITSA**: Uttarakasti, Pichu, Varti, Lepana, Dhoopana, Dhavana, Dahana, Ksharakarma etc.
10. **PRASUTI STREE ROGA CHIKITSA UPAYOGI YANTRA SHASTRA**: Garbhanirdhaka upaya, Parivar niyojana.
11. **Commonly used Ayurvedic drugs in Stree roga.**
12. **GARBHA VIGYANA**: Garbhasya paribhasha, Garbhadhanavidhi, Garbhaavakranti, Garbha sambhava samagri (factors essential for conception), Pumsavana, Garbhasya shad dhatvatmakata, Garbhavakranti, Matrijadi bhava, Garbhakara bhava, Panchabhautika composition of garbha, Masanumasika Vridhi of Garbha (Monthwise development of foetus), Garbhaposhana (Nutritionof Garbha), Garbhangasamstithi (attitude), Garbhasthiti, Asana, Uday (Lie, Position, Presentation), Foetal skull. Apara (Placenta) Garbha Nabhinadi (Umbilical cord), Garbhodaka (Amniotic fluid), Jarayu (Foetal membranes)- Formation, Development, Function, Normalcies and their abnormalities. Ulba (Vernix caseosa).
13. **GARBHINIVIGYAN**: Lakshanas of Sadhyograhita garbha, Lakshanas of vyakta Garbha, Diagnosis of pregnancy, Pumsavana vidhi.
15. **GARBHA VYAPAD**: Nidan, Samprapti (Aetiopathology), Investigations and management of Garbhasrava and Garbhapata (Abortions), Upavishtaka, Nagodara/Upashushaka, Leenagarbha, Mithyagarbha (Pseudocyesis), Antarmrita Garbha (Intrauterine Foetal death), Garbha shosha, Raktagula.
16. **GARBHINI VYAPAD**: Alpabala vyadhaya (Minor ailments of pregnancy) – Hrilasa (Nausea), Chardi (Emesis), Aruchi, Atisara (Diarrhoea), Vibandha (Constipation), Arsha, Udavarta, Pada Sotha, Parikartika, Vaivarnya (Discoloration), Kikkisa, Kandu (Pruritis). Common ailments of Pregnancy- Gestational Anemia (Pandu), Jaundice (Kamala), Makkala.
17. **Jataharini related to garbhini avastha.**

20. **PRASAVA VYAPAD (DISORDERS OF LABOUR)**: Garbhasanga, Vilambita Prasava, Akalaprasava, Kalatita prasava, Yoni samvarana, Garbhavasada.


22. **SUTIKA VIGYANA** – Sutika Paribhasha, Sutika Kala, Changes during Sutika avastha (Sharirika and Manasika), Sutika paricharya. Number of Sutika rogas, Causes, Clinical features, Prognosis and treatment of Sutika jwara, Sotha and Makkala and other complications.


24. Ayurvedic Drugs used in Prasuti Tantra, indications/contra indications, doses and side effects.

**Modern Syllabus:**

1. Bony Pelvis and its obstetrical importance, Fetal Skull, Female internal and external genitalia.
2. Menarche, Puberty, Menopause, Physiology of Menstrual cycle.
3. Abnormal uterine bleeding, Amenorrhea, Hypo and Oligomenorrhoea.
4. Infertility – Causes, Types, Investigations and Management.
8. Contraception.
11. Commonly used allopathic drugs in Prasuti tantra and Stree roga. Pharmacotherapeutics allopathic of the drugs used in Obstetrics and Gynaecology.
14. Placenta, amniotic fluid, membranes and umbilical cord - their formation, structure, Functions and abnormalities.
15. Foetal physiology, circulation, Foetal growth and development.
16. Genetics, Birth defects and other teratologic abnormalities.
17. Diagnosis and differential diagnosis of pregnancy, anatomical and physiological changes during pregnancy, Endocrinology related to pregnancy, Immunology of pregnancy.
18. Ante Natal care, examination investigations and management.
19. Multiple pregnancies.
22. Management of pregnancies complicated by medical, surgical or Gynecological disorders in consultation with the concerned specialties by team approach.
   A. Pyrexia, Heart disease, Diabetes mellitus, Liver disorders, Respiratory diseases, Renal diseases, Epilepsy, Hypertensive disorders.
   B. Fibroids, Ovarian tumors, Genital prolapse, Carcinoma Cervix.
24. Prenatal diagnosis of fetal abnormalities and appropriate care.
   a) Initiation and onset of parturition.
   b) Examination and evaluation of patient in labour.
   c) Physiology of labour.
   d) Mechanism of labour.
   e) Selection of place of delivery and labour room.
   f) Stages of normal labour
   g) Intrapartum maternal and foetal monitoring
   h) Management of normal labour
26. Abnormal Labour- Prolonged labour, Cephalo pelvic disproportion, Malpresentation, Obstructed labour, Methods of Induction and Augmentation of labour, Complications of different stages of labour.
27. Obstetric management of high risk Pregnancies- Pre eclamptic toxaemia, Eclampsia, Diabetes, cardiac disease, asthma, Epilepsy, ante partum haemorrhage, preterm premature rupture of membranes, Preterm, Post term, Multiple pregnancy, IUGR & HIV –AIDS.
29. Normal and abnormal puerperium-
30. **Drugs used in obstetric practice, indications/contra indications, doses & side effects.**
31. **OPERATIVE OBSTETRICS:**
   Instrumental delivery (Forceps, vacuum extraction), Caesarean Section, Manual removal of Placenta, Caesarean Hysterectomy.

   **Total Questions 120**

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**Pattern of Question Paper:**
1. Objective Type Paper
2. Maximum Marks : 300
3. Number of Questions : 150
4. Duration of Paper : 2:30 Hours
5. All Questions carry equal marks
6. Medium of Screening Test: Bilingual in English & Hindi
7. There will be Negative Marking
   *(For every wrong answer, one-third of marks prescribed for that particular question will be deducted).*