



AVS PARAMEDICAL INSTITUTE



Affiliated to World Rural Medical Association- Geneva

Conducted By

INDIAN RURAL MEDICAL ASSOCIATION

226, Bipin Behari Ganguly Street, Kolkata - 700 012

Under Guideline Policy of WHO, Unicef and Govt. of India

SYLLABUS

1.	Title of the Course	Abbreviation	Eligibility	Duration
	Community Medical Service & Essential Drugs (Primary)	C.M.S. & E.D (P)	Matric or Higher	1½

Seats : 40 (for Male and Female)
Medium : English/Hindi
Mode of Selection : To be decided by the Management

COURSE OF STUDY

C.M.S. COURSE-PART(A) (FIRST SEMESTER) (I YEAR)

1. ANATOMY :

1. Anatomy Cell, Tissue, Skeletal System.
2. Muscle, Cardio-Vascular System System.
3. Nervous System, Articular System
4. Excretory System
5. Respiratory System
6. Digestive System.
7. Reproductive System.
8. E.N.T., Eye and Abdomen

II. PATHOLOGY:

1. Bacteriology (Virus, Bacteria), Parasitology.
2. Stool, Urine, Blood, Sputum-Collection for Examination
3. Disinfection
4. Antiseptic Disinfection

III. PHYSIOLOGY:

1. Blood Cardio-Vascular System
2. Lymphatic System
3. Respiratory System
4. Digestive System
5. Metabolism, Vitamins, Diet, Reproductive System
6. Endocrine System
7. Nervous System Excretory System

IV. FIRST AID:

1. Home Nursing
2. Drug Addiction
3. Mental Diseases

V. PREVENTIVE & SOCIAL MEDICINE (P.S.M.)

1. Nutrition, Child Welfare., Breast Feeding
2. Oral Dehydration Therapy, Immunisation, B.C.G., Measles D.P.T, Cholera, Typhoid
3. Family Welfare-Birth Control, Contraception, Sterility, Sterilisation, Quinacrin

VI. JURISPRUDENCE:

1. Death, Asphyxial Death
2. Wounds, Burn
3. Rape

C.M.S. COURSE -(SECOND SEMESTER)

VII. PRACTICE OF MEDICINE:-

1. Therapeutic Practice of Medicine
2. Infectious Diseases
3. Systems
 - (a) Cardio Vascular
 - (b) Respiratory
4. Nutritional Disorder Disease
5. Helminthic Infestation
6. Diseases of the Endocrine System
7. Tropical Diseases of The Urinary System
8. Diseases of the Liver and Billiary Tract
9. Diseases of the Pancreas
10. Diseases of Nervous System
11. Skin Infection
12. Allergy

VIII. CLINICAL:

1. History Taking
2. Clinical Examination-Blood, Urine, Stool, Sputum
3. Report Reading
4. Temperature
5. Respiration and B.R Recording
6. Pulse
7. Urine Examination
8. Pregnancy Test Etc.

IX. GYNECOLOGY & OBST

1. Disease of Menstrual Disorder
2. Leucorrhoea
3. Toxoemia of Pregnancy
4. Labour
5. Complication of Third Stage of Labour
6. Abnormal Presentation

X. HEALTH & HYGIENE:

1. Food and Nutritional Food in relation to health and disease, Balanced nutritional deficiencies, Nutritional Survey & Food Processing.
2. Effect of Climate, Humidity Temperature, Pressure and other conditions on comfort zone.
3. Personal Hygiene (cleanliness, rest, sleep work) physical exercise and training.
4. Definition and Importance.
5. Atmospheric Pollution-purification of air, air sterilization, air borne diseases .
6. Water Supplies-Sources and uses, impurities purification, Public Water supplies ins urban and rural areas.'
7. Conservancy-Method in villages, towns and cities, Septic Tanks, dry earth, Latrines, water closets, disposal of sewage, disposal of the dead disposal of refuse incineration.
8. Disinfection-disinfectants, deodorants, antiseptic germicides, methods of disinfection and sterilisation. ?

XI. LIST OF ESSENTIAL DRUGS FOR T.C. :

DDS, Rifampicin

Clofazmine

Isoniazid

Rifampicin

Thioacetanzone

Additional Drugs used under expert's supervision

The above paper was presented by Dr. Briral Mullick, Secretary General, Indian Rural Medical Association during 18th WORLD CONGRESS OF NATURAL MEDICINES held at International Conference Centre, Havana, Cuba April 27th, 28th & 29th, 1990.

XII. PHARMACY:

Allopathic Medicine, Drugs and Administration

Special Diseases-T.B., Leprosy, Malaria, AIDS, STD. etc.



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"ESSENTIAL DRUGS FOR PRIMARY HEALTH CARE & COMMON MEDICAL PROBLEMS"

SPECIAL BOOK PUBLISHED BY W.H.O. (WORLD HEALTH ORGANIZATION)

E.D. (P) - 6 MONTHS

- | | |
|--|---|
| 1. Antacid | 23. Cough Cinctus |
| 2. Antihaemorrhoidal Ointment | 24. Tetracycline eye ointment |
| 3. Aspirin Tab. | 25. Vitamin A |
| 4. Whifield ointment | 26. Vitamin C |
| 5. Benzyl benzoate lotion | 27. Atropine |
| 6. Calat-nine Lotion | 28. Ephidrine |
| 7. Activated Charcoal | 29. Ergometrine |
| 8. Chloroquine Tablet | 30. Povidone-Iodine |
| 9. Chlorpheniramine | 31. Lindane |
| 10. Centrimide & Chlorhexidine | 32. Piperazine |
| 11. Oral Pills | 33. Codiene |
| 12. Ferrous Sulphate | 34. Co-Trimazole |
| 13. Folic Acid | 35. Ispaghula |
| 14. Gention Violet Solution | 36. Metronidazole |
| 15. Glycerine Suppository | 37. Primaquine |
| 16. Iodised Salt | 38. Sodium Bicarbonate
(Baking Soda) |
| 17. Lysol Solution | 39. Senna |
| 18. Magnesium Trisilicate /
Alum. Hydroxide | 40. Sulphadimidine |
| 19. Mebendozol Tablet | 41. Vitamin B Complex |
| 20. Oral Rehydration Salt | 42. Vitamin D |
| 21. Paracetamol Tablets & Syrup | |
| 22. Phenoxymethyl Pencilin /
Amoxacillin / Ampicillin | |

COMMON DRUGS FOR STIs :

Benzathine Pencillin (by intra-muscular injection)

Ciprofloxacin

Doxycycline

Erythromycin

Metronidazole

Check national guidelines for latest regime and flow char for drug(s) of choice and dosage.

Part II - Common Medical Problems

- | | |
|-------------------|---|
| 1. Anaemia | 12. Malaria |
| 2. Breathlessness | 13. Pain |
| 3. Constipation | 14. Pediculosis |
| 4. Contraception | 15. Poisoning |
| 5. Cough | 16. Sexually Transmitted Infections |
| 6. Diarrhoea | 17. Snake-bites and Insect Stings |
| 7. Ear Problems | 18. Skin Problems including Allergic Reaction |
| 8. Eye Problems | 19. Tooth Problems |
| 9. Fever | 20. Tuberculosis |
| 10. HIV/AIDS | 21. Vomiting |
| 11. Leprosy | 22. Wounds, Burns and Shock |

EXAMINATION

Sessional and Semester Examination will be conducted by Centre.

Performance will be considered at the time of final examination.

For Final Examination, following procedure is to be adopted

1. The entire syllabus is to be clubbed as follows

Sl.No,I,11	1st Paper
Sl. No. III,IV	2nd Paper
Sl. No. V,VI	3rd Paper
Sl, No. VII,VIII	4th Paper
Sl. No. IX,X	5th Paper
Sl. No. XI,XII	6th Paper

2. Answer should be in Hindi or English.

3. Total Marks for the Examination would be allotted

Theoretical	600
Practical	100
Oral (Viva-Voice)	100
Total	<u>800 Marks</u>

Practical Examination will be for assessment of patient, immunization, blood smear drawing, Albumin test for Urine, ORS preparation etc. Total Marks of 100 should be divided suitably for above components.

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LABORATORY & LIBRARY

The institute is having 4(four) well equipped Medical Laboratories, for the Practical Training of the candidates in the institut.