[ED 106]
Suh. Code : Bodp
M.D. DEGREE EXAMENATION.

ONew/Reviesd Regulationa)
Part I
Branch II-Obetetries and Gyanecology
Pupe 1-APPLIED BA8IC SCIENCES
Time : Threp hours MAR. 2eol Meximum : 180 marke
Answor esch sulject ta a sepparate anawor book.
Anwwer any POUR queations to esch Subjant.
AII quastians carry equel merke.
(ANATOMY)

1. (a) Perinmal Membraiae
(b) Sphinater Urethree.
(e) Histology of Mammary gland in differwnt agos of Reproductive cycia.
(d) Detailed atructure of Grasfien Follicle.
(b) Pistalogy of Placenta.
(PHYSIOLOGY)
(PATHOLOGY)
2. (a) Starling forces.
(b) Regulation of erythropoiesis.
(c) Changes in foetal circulation after birth
(d) Pituitary gonadotropina.
(e) Contractility of Uterus.
(BIOCHEMISTRY)
a. (a) Bignificance of a Feto-Protein le obistetrica.
(b) Chromosomal anamoly as a cauna of Jahitw abortion.
(c) Recurront jaundioe of pregnancy.
(d) Lron motabolism in pregnency.
(e) Galaetommin.
(PHARMACOLOGY)
A. (a) Antihypertenaives in Prognancy.
(b) Denezol.
(e) Orel Iron Therapy.
(d) Drugs cauning placental barrier.
(e) Teratogenic drugs.

2
5. (a) Exfoliative Cytology.
(b) Gertational Trophoblantic Diseasm.
(e) Pathology of Endomatrial Carcininure
(d) Fexiale Infertility.
(e) Dyegerminoma.
(MICROBIOLOOY)
6. (a) Palvic Infections.
(b) Ophthalmia Neenatorum.
(e) Conganital Byphilit.
(d) Agelutination Reaction.
(a) Herpes Simplex Virus Type il.

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3
[KD 106]
M.D. DEGREE EXAMINATION. (Old/New/Reviaed Regulations)

Part I-Branch II-Ohetetries and Gynnecology
Paper I-APPLIED BASIC SCIENCES
Time : Three hours
Maximum : 180 marks
Ahswer esch rubject in a saparate answer book.
Anewer any FOUR shart notes in each subject.
All questions carry equal marks.
(ANATOMY)

1. (a) Innervation of urinary bladdor.
(b) Ovary and its relations.
(c) Perineal bedy.
(d) Blood supply and Lymphatic Drainage of mammary gland.
(e) Supporta of uterus.
(PEYBIOLOGY)
2. (a) Pathophysiology of Oederma.
(b) Haemorrhagic diseases.
(c) Physiological functions of liver.
(d) Negative feed back mechanism and posilive feedback mechaniam.
(e) Pregnancy diagnoatic lents. (BIOCHEMISTKY)
3. (a) Biosynthesis of steroid hormones.
(b) Von Gierke'I disease.
(e) Onoruloplanmin.
(d) Role of kidneya in septic abortion.
(a) Bilirubin metabolimm. (PATHOLOGY)
d. (a) Eetopic Gestation.
(b) Anaemia during proguancy.
(c) Primary Amenorrhoen.
(d) Spread of ovarian cancer.
(e) Bartholin's cyst.

## (PHARMACOLOGY)

5. (a) Dannzol.
(b) Advense effects of aral pilin.
(c) Antimetabolites.
(d) Zidovudine
(e) Prostaglandina as uterine stimulaita. (MICROBIOLOOY)
a. (a) Baeterial Vaginosis.
(b) Coomb'rtest.
(e) Serum sickness.
(d) Autoclave.
(e) Hepstitis B Virus.
M.D. DEGREE EXAMINATION.
(OIdNew/Revised Regulations)
Part I - Branch II-Obstetrics and Cynaecology
Paper I - APPLIED BASIC SCIENCES
Time : Three hours -Maximum : 180 marks
Answer each subject in a separate Answer Book.
Answer any FOUR short notes in each subject.
All questions carry equal marks.
(ANATOMY)
(a) Pelvic diaphragm.
(b) Axillary lymphoodes.
(c) Pudendal canal.
(d) Development of ovary-
(e) Rectus sheath and its contents.
6. (a) Intrinsic mechanism of blood coagulation.
(b) Physiology of Parturition.
(c) Posterior Pituitary Hormoness.
(d) Functions of Placenti.
(e) Poetal circulation. (BIOCHEMISTRY)
7. (a) Gyeosuria in pregnancy.
(b) Calcium Homeostasis.
(c) Gonadotrophins.
(d) Vitamin $\mathbb{E}$.
(e) Glueagon.

## (PATHOLOGY)

4. (a) Exdometritis.
(b) Cone Biopsy.
(c) Toxde Shock Syadrome,
(d) Galactosaemia.
(e) Herpes Genitalis.
5. (a) Antieoagulants.
(b) Tocolyties.
(c) Pharmacotherapy of ADS.
(d) Gestational Diabetes Mellitus.
(e) Phenytain.

## (MICROBIOLOGY)

6. (a) Neonatal sepsis.
(b) Active Inmunity.
(c) Vaginal Candidosis.
(d) Antibiotic Sensitivity Tests.
(e) VDRL Test.

## M.D. DEGREE EXAMINATION.

(All Regulations)
Part I - Branch II - Obstetrics and Gynaecology
Paper I - APPLIED BASIC SCIENCES
Time : Three hours
Maximum : 180 marks
Answer each subject in a separate Answer Book.
Answer any FOUR short notes in each subject.
All questions carry equal marks.
(ANATOMY)

1. (a) Recto-Uterine pouch
(b) Pelvic splanchnic nerves
(c) Fallopian tubes and relations
(d) Blood supply and lymphatic drainage of vagina
(e) Cloaca.

## （PHYSIOLOGY）

2．（a）Blood transfusion
（b）Ovarian cycle
（c） $\mathrm{R}_{\mathrm{h}}$ incompatibility
（d）Corpus Luteum of pregnancy
（e）Physiology of conception．
（BIOCHEMISTRY）
3．（a）Biological significance of fats
（b）Classification of amino acids
（c）Brief note on enzymes of clinical interest
（d）Brief note on buffer systems of blood
（e）Alkaptonuria．
（PHARMACOLOGY）
4．（a）Treatment of accelerated hypertension
（b）Drugs during third trimester pregnancy
（c）Drug therapy in pulmonary hypertension
（d）Therapeutic uses of prostoglandins
（e）Ovalation inducing drugs

5．（a）Testicular feminization
（b）Endometrial biopsy
（c）Placental infarction
（d）Haemophylia
（e）Retinal vascular changes in diabetes mellitu： （MICROBIOLOGY）

6．（a）Infantile diarrhoea
（b）Laboratory diagnosis of AIDS
（c）Leptospirosis
（d）Polio prevention programme
（e）Vaginal moniliasis．
［KH 106］
(RHYBLOLOCO
M. 25 DEGREE EXAMENATON,
(AA) Rugalaliass)

Paper 1-APPLIED BASIC SCSEETCRS
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Maxistuman : 880 mancker
Anawar sech subjent is a нepargte, Answer Boole
Acrwor any FOUR shart notes in wach subject:



1. (in) Flacental Barrier
(b) Bowndaries and canterets of moperticial rerineel pown
fol Stuports of uterng
(a) CMarfaris mint
(t) Consasacted pelvis.
2. (a) Enitintion of lactatient

fio) Biological temet for prograncy

(e) Ofarian borwentes.
(HiOCHHM,
3. (s) Balanoed diat for adolt temale turing thirud intunstor prugnamy
(b) Metabebic wetinns of pares thyuphat hermpmon
fe) Bedracing euketanow othes than glucose
(d) Renal Hapetion text
(e) Vantian $K$.
4. (a) Drug therspy of choriocarcinoma
(b) Pharmacotherapy of niicrocytic hypochromie naemie
(c) Therapeutic usoa of eluce carticoidn
(d) Plan of anti congulant therapy in pronthetiv valve replacement patiente
(e) Chaice of aneesthetic agente in cardlse patients.

## (PATHOLOGY)

5. (a) Indian childhood cirrhosie
(b) Septic shock
(c) Amnicoentesis
(d) Secondary amenorrhoea
(e) Gonadal Dysgenesis.
[KJ 106]
Sub. Code : 9000
M.D. DEGREE EXAMINATION.
(All Regulations)
Part I - Branch II — Obstetrics and Gynaecology
Paper I - APPLIED BASIC SCIENCES
Time : Two hours,
One hour and forty ....
minutes for Theory
Maximum : 75 marks
Theory : 60 marks
M.C.Q. : 15 minutes
M.C.Q. must be answered in a SEPARATE Answer

Sheet provided as per instruction given on the first page of M.C.Q. Booklet.

Answer each subject in a SEPARATE Answer Book.
Answer any FOUR short notes in each Subject.
All questions carry equal marks.
SECTION A
(ANATOMY)

$$
(4 \times 5=20)
$$

1. (a) Placenta - Parts, Structure of Villus. $(2+3)$
(b) Autonomic nervous system in pelvis. (Sympathetic and Parasympathetic - $\left(2 \frac{1}{2}+2 \frac{1}{2}\right)$
(c) Adeno hypophysis : Parts and Structure.
$\left(2 \frac{1}{2}+2 \frac{1}{2}\right)$
(d) Lymphatic drainage of uterus.
(e) Development of urinary bladder.
(PHYSIOLOGY)

$$
(4 \times 5=20)
$$

2. (a) Define placental barrier. Mention its significance.
(b) Narrate the origin of amniotic fluid and its composition.
(c) Cardio-vascular changes during pregnancy.
(d) Define puberty. What are the stages of THELARCHE?
(e) Define ovulation. Mention the causes of ovulation.
(BIOCHEMISTRY)
$(4 \times 5=20)$
3. (a) Glucose Tolerance Test.
(b) Iron metabolism.
(c) Bile Pigments.
(d) Metabolic acidosis.
(e) Von Gierke's disease.

## M.D. DEGREE EXAMINATION.

(All Regulations)
Part I - Branch II - Obsietrics and Gynaecology
Paper I - APPLIED BASIC SCIENCES

Time : Two houra
One hour and forty five minutes for Theory

Maximum 775 mariss
Theory; 60 marlss MCQ: 15 marks
M.C.Q 15 minutes
M.C.Q. must be answered in a SEPARATB Answer

Sheet provided as per instruction given on the first page of M.C.Q. Booklet.
Answer each aubject in a SEPARATE Answer Book.
Arswer any FOUR short notest in each Subject,
All queations carry equal marks.
SECTION B
(PHÁRMACOLOGY)

$$
(4 \times 5=20)
$$

1. (a) Warfarin sodium
(b) Mini pill
(c) Radioactive Iodine
(d) Metronidazole.
(b) Oxytocies
2. (b) Gestational Trophoblastic Diseades
(b) Endometrial hyperplasias
(c) Precancerous lesions of Cervix
(d) Invasive mole
(e) Germ cell tumors.
(MICROBIOLOGY)

$$
(4 \times 5=20)
$$

3. (a) Moniliasis.
(b) Vertical Transmisaion of HIV infection.
(c) Coumb'a tesi.
(d) Tuxic thock syndrome-
(e) Bacterial vaginotie.

## M.D. DEGREE EXAMINATION.

(All Regulations)
Part I — Branch II — Obstetrics and Gynaecology Paper I - APPLIED BASIC SCIENCES

Time : Two hours
Theory : One hour and forty five minutes
M.C.Q: Fifteen minutes

Answer each subject in a SEPARATE Answer Book.
Answer any FOUR short notes in each Subject. SECTION A

All questions carry equal marks.
(ANATOMY)

1. (a) Placenta accreta.
(b) Urogenital diaphragm - formation and innervation.
(c) Embryological basis of bicornuate uterus.
(d) Hypothalamo hypophyseal tract.
(e) Anthropoid pelvis.

$$
(4 \times 5=20)
$$

Maximum : 75 marks
Theory : 60 marks
M.C.Q. : 15 marks
2. (a) Rh factor and erythro blastosis fetalis.
(b) Physiological basis of pregnancy tests.
(c) Role of hormones in development of mammary glands.
(d) Gonadotrophic hormones and their actions.
(e) Hypovolemic shock.
$(4 \times 5=20)$
(BIOCHEMISTRY)
3. (a) Synthesis and conjugation of bilirubin.
(b) Glycogen storage disorders.
(c) Factors influencing iron absorption.
(d) HbS .
(e) Alkaptonuria.
$(4 \times 5=20)$
[KL. 206]
Sub. Code: P006
M.D. DEORER EXAMINATEON
(As Ringulntions)

Paperil - ALLIED CSIRICALI SCIENCES


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Theory: : One hewr and
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All quastopais eent equal marks:
ANATCOMY
( $4 \times 5=20)$

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zet Tranavecpec colona

(4) Agot change in evarg:

Mexumura : 75 2harke

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\text { Theuty : } 60 \text { ziarks }
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\text { M.C.Q : } 13 \text { marks }
$$

## [KM 106]

 Sub. Code: 9000M.D. DEGREE EXAMINATION.
(All Regulations)
Part I - Branch II - Obstotrics and Gynaecology
Paper I-ALLIED CLINICAL SCIENCES
(APPLIED BASIC SCIENCES)

Time: Two hours
Theory : One hour and forty five minutes
M.C.Q. : Fifteen minutes

Maximum : 75 marks
Theory : 60 marks
M.C.Q. : 15 marks

## SECTION B

Answer each subject in a SEPARATE Answer Book.
Answer any FOUR Short Notes in each subject.
All questions carry equal marks.
(PHARMACOLOGY)
(a) Norfloxacin $(4 \times 5=20)$
(b) Drugs in post menopausal osteoporosis
(c) Drugs in the management of toxaemia of pregnancy
(d) Carbimazole
(e) Laxatives.
(PATHOLOGY)
(a) Granulomas in vulva
$(4 \times 5=20)$
(b) Pathogenesis of vesicular mole
(c) The Bethesda System and cervical dysplasia
(d) Degenerative changes in uterine leiomyoma.
(e) Amniocentesis.
(MICROBIOLOGY)
(a) Bacterial vaginosis $\quad(4 \times 5=20)$
(b) Coomb's Test
(c) Immunoprophylaxis of hepatitis B infection
(d) Disinfection of operation theatre
(e) Interferons.
M.D. DEGREE EXAMINATION.
(All Regulations)
Part I - Branch II - Obstetrics and Gynaecology Paper I-ALLIED CLINICAL SCIENCES (APPLIED BASIC SCIENCES)

Time : Two hours
Theory : One hour and
forty five minutes
M.C.Q. : Fifteen minutes

Maximum : 75 marks
Theory : 60 marks
M.C.Q. : 15 marks

SECTION A
Answer each subject in a SEPARATB Answer Book.
Answer any FOUR Short Notes in each subject.
All questions carry equal marks.
(ANATOMY)
(a) Perineal body
( $4 \times 5=20$ )
(b) Blood supply and development of vagina
(c) Lymphatic drainage of mammary gland
(d) Greater vestibular gland
(e) Mieroscopic structure of uterine tube.
(PHYSIOLOGY)
(a) Hormonal control of ovarian function ( $4 \times 5=20$ )
(b) Placental hormones
(c) What is puberty? What are the stages of puberty?
(d) Contraceptive methods
(o) Chiari-Frommet syndrome.
(BIOCHEMISTRY)
(a) Absorption and transport of Iron ( $4 \times 5=20$ )
(b) Synthesis and functions of prostaglandine-
(c) Water intoxication
(d) Vandenbergh test
(e) Synthesis and conjugation of bilirubin.

