## PROVISIONAL ANSWER KEY

Question 6

61/2023/OL

Paper Code:

Category

054/2020

Code:

Exam:

Assistant Professor Obstetrics and Gynaecology

Date of Test 04-06-2023

Department Government Homoeopathic Medical Colleges

Question1:-The smallest diameter of true pelvis is

A:-Diagonal conjugate

B:-Interspinous diameter

C:-True conjugate

D:-Oblique diameter

Correct Answer:- Option-B

Question2:-The uterine blood flow at term is

A:-50 - 200 ml/min

B:-250 - 450 ml/min

C:-500 - 700 ml/min

D:-800 - 1000 ml/min

Correct Answer:- Option-C

Question3:-Cardiac output during pregnancy is maximal at

A:-36 weeks

B:-32 weeks

C:-28 weeks

D:-24 weeks

Correct Answer: - Option-B

Question4:-Pain of uterine contraction is distributed along the following dermatomes

A:-T10 - L1

B:-L2 - L3

C:-L4 - L5

D:-S1 - S2

Correct Answer:- Option-A

Question5:-Commonest type of vertex presentation in an unengaged head is

A:-Left occipito anterior

B:-Right occipito anterior

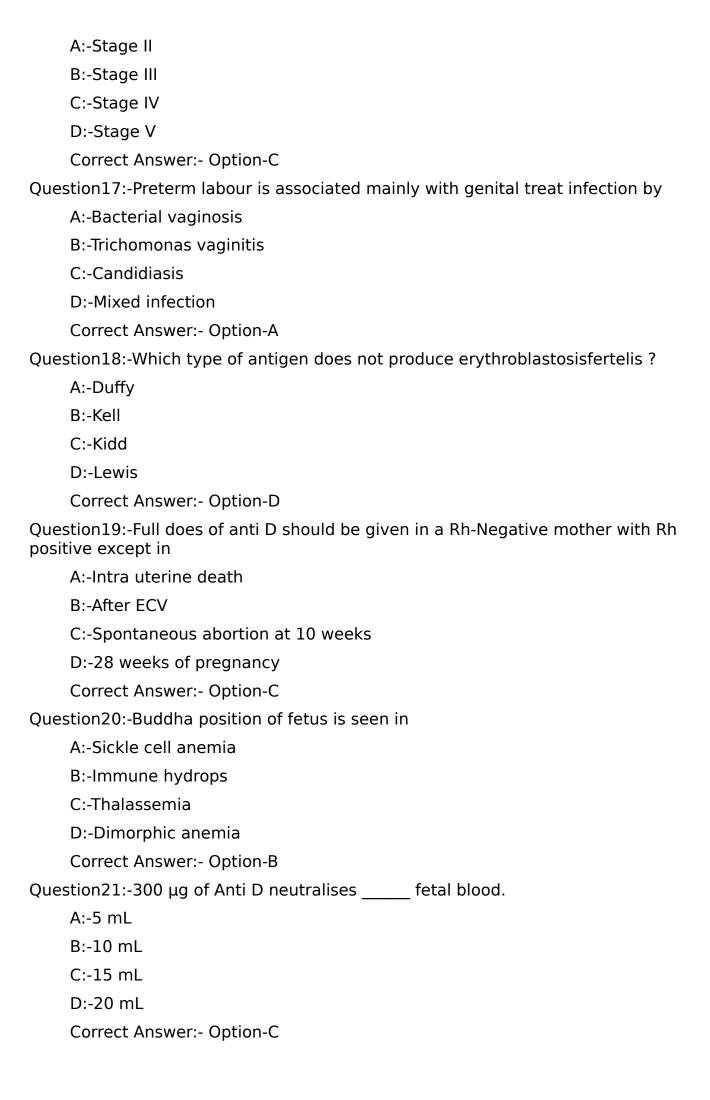
```
D:-Right occipito transverse
     Correct Answer:- Option-C
Question6:-Commonest diameter of engagement
 I. Mentovertical diameter
II. Biparietal diameter
III. Suboccipitobregmatic
IV. Suboccipito frontal
     A:-Both II and III
     B:-Both II and IV
     C:-II alone
     D:-III alone
     Correct Answer:- Option-A
Question7:-About Litzmann Asynclitism
 I. Also called posterior asynclitism
II. Also called anterior asynclitism
III. Common in multipara
IV. Common in primipara
     A:-I and III
     B:-I and IV
     C:-II and III
     D:-II and IV
     Correct Answer:- Option-B
Question8:-Which is not a surgery for inversion of uterus?
     A:-Haultain
     B:-Spincelli
     C:-Huntington
     D:-Fenton
     Correct Answer:- Option-D
Ouestion9:-Death in acute inversion of uterus is due to
     A:-Hemorrhage
     B:-Neurogenic shock
     C:-Infection
     D:-Embolism
     Correct Answer:- Option-A
Ouestion 10:-Role of amniotic fluid turnover is
     A:-200 ml/day
     B:-300 ml/day
```

C:-Left occipito transverse

```
D:-500 ml/day
     Correct Answer:- Option-D
Question11:-pH of amniotic fluid is
    A:-6.8
    B:-7.0
    C:-7.2
    D:-7.4
     Correct Answer:- Option-C
Question12:-Therapeutic level of magnesium to prevent seizure in eclampsia
    A:-1-3 meg/L
     B:-4-7 meg/L
    C:-8-12 meg/L
    D:->12 meg/L
     Correct Answer:- Option-B
Question 13:-Contraindication for the use of MgSO4 regime in eclampsia
    A:-Myasthenia gravis
     B:-Bronchial asthma
    C:-Tight Mitral Stenosis
    D:-Placenta previa
    Correct Answer:- Option-A
Question14:-The fetal thyroid begins to produce insulin from
    A:-8 weeks
     B:-12 weeks
    C:-16 weeks
    D:-20 weeks
     Correct Answer:- Option-B
Question15:-Division of fertilized ovum at 4-8 days result in which type of
placentation
    A:-DCDA
     B:-MCDA
    C:-DCMA
     D:-MCMA
     Correct Answer:- Option-B
Question16:-According to Quintro staging for twin to twin transfusion syndrome,
```

development of hydrops in one twin refers to which stage

C:-400 ml/day



```
Question22:-First sign of fetal demise is
     A:-Robert sign
     B:-Hallo sign
     C:-Spalding sign
     D:-Ball sign
     Correct Answer:- Option-A
Question23:-Internal podalic version for transverse lie can result in
     A:-Cervical laceration
     B:-Vaginal laceration
     C:-Uterine rupture
     D:-Uterine atony
     Correct Answer:- Option-C
Question24:-Minimal cervical dialation required for ventouse application
     A:-4
     B:-6
     C:-8
     D:-10
     Correct Answer:- Option-B
Question25:-Deep transverse arrest is associated with which type of pelvis
     A:-Gynecoid
     B:-Android
     C:-Anthropoid
     D:-Pletypelloid
     Correct Answer:- Option-B
Question26:-In Mento posteriorpresentation, internal rotation of head occur through
     A:-1/8th circle
     B:- 2/8th circle
     C:-3/8th circle
     D:-4/8th circle
     Correct Answer:- Option-C
Question27:-Funnel shaped pelvis is seen in
     A:-Tuberculosis
     B:-Congenital
     C:-Scoliosis
     D:-Malignancy
     Correct Answer:- Option-A
```

Question28:-Obstetric conjugate is said to be critical if it is measuring below
A:-8.5 cm
B:-9.0 cm
C:-9.5 cm
D:-10 cm
Correct Answer:- Option-D
Question29:-Vasaprevia is seen in which type of placenta
A:-Central
B:-Velamentous
C:-Battledore
D:-Marginal
Correct Answer:- Option-B
Question30:-Obstructed labour occurs at
A:-Plane of least pelvic dimension
B:-Plane of greatest pelvic dimension
C:-Plane of inlet
D:-Plane of outlet
Correct Answer:- Option-A
Question31:-First sign of uterine rupture
A:-Fetal heart variation
B:-Fresh vaginal blood
C:-Loss of uterine contour
D:-Maternal tachycardia
Correct Answer:- Option-A
Question32:-Worst prognosis of heart disease is seen in
A:-Tight mitral stenosis
B:-Aortic stenosis
C:-Pulmonary artery hypertension
D:-Prosthetic valve
Correct Answer:- Option-C
Question33:-According to Mississippi class system a platelet count of less than 1.5 lakh is classified as
A:-I
B:-II
C:-III
D:-IV

```
Correct Answer:- Option-C
Question34:-The antidote for magnesium sulfate in eclampsia is
     A:-1% calcium gluconate
     B:-10% calcium gluconate
     C:-1% calcium sulphate
    D:-10% calcium sulphate
     Correct Answer:- Option-B
Question35:-Vaccine contraindicated in pregnancy
    A:-Oral polio
    B:-Covid
    C:-Influenza
    D:-Yellow fever
    Correct Answer:- Option-A
Question36:-The risk of development of anencephaly after one affected child is
    A:-1%
    B:-5%
    C:-10%
    D:-13%
    Correct Answer:- Option-B
Question37:-Nerve roots blocked in pudendal nerve block is
    A:-L1, 2, 3
    B:-L2, 3
    C:-S2, 3, 4
    D:-S3, 4
    Correct Answer:- Option-C
Question38:-Half life of oxytocin
    A:-1-2 min
    B:-3-4 min
    C:-5-6 min
    D:-7-8 min
    Correct Answer:- Option-B
Question39:-The first test to become abnormal in iron deficiency anemia
    A:-Serum ferritin
     B:-Reticulocyte count
    C:-Total iron binding capacity
     D:-Hematocrit
```

Correct Answer:- Option-A Question 40:-Following 1 pint blood transfusion, the hematocrit rises by A:-1% B:-2% C:-3% D:-4% Correct Answer:- Option-C Question41:-Single umbilical artery is associated with all except A:-Abortion **B:-Post maturity** C:-IUGR D:-Renal anomalies Correct Answer:- Option-B Ouestion42:-Transmission of Rubella infection is maximum in A:-*Ist* trimester B:-*II<sup>nd</sup>* trimester C:-*III*<sup>rd</sup> trimester D:-In all trimesters Correct Answer:- Option-A Question 43:- The commonest intrauterine infection in pregnancy is A:-Cytomegalovirus B:-Rubella C:-Toxoplasma D:-Herpes Correct Answer:- Option-C Question44:-Which of the following drug do not cross placenta? A:-Warfarin B:-Heparin C:-Thyroxine D:-Methimazole Correct Answer:- Option-B Question45:-Reduced maternal serum alpha fetoprotein is seen in A:-Trisomy 21 B:-IUD C:-Multiple pregnancy D:-Neural tube defect

Correct Answer:- Option-A Question46:-Sinusoidal pattern in cardiotocography denotes A:-Head compression B:-Fetal anemia C:-Placental insufficiency D:-Loops of cord Correct Answer:- Option-B Question47:-Lanugo hair appears at A:-4 months B:-5 months C:-6 months D:-7 months Correct Answer:- Option-A Question48:-Implantation bleeding is also called A:-Arias-Stella sign B:-Hartmann sign C:-Blog sign D:-Beagle sign Correct Answer:- Option-B Question49:-In active phase of labour, the role of cervical dialation in a primi gravid A:-1 cm/hr B:-1.5 cm/hr C:-2 cm/hr D:-2.5 cm/hr Correct Answer:- Option-A Question50:-1 pint cryoprecipitate measures A:-50 ml B:-100 ml C:-150 ml D:-200 ml Correct Answer:- Option-A Question51:-True about Ovary is A:-Attached to uterus by infundibulopelvic ligament B:-Main blood supply is from Aorta

C:-Does not receive blood supply from uterine artery

D:-Lymphatic drainage is commonly to inguinal lymphnodes

Correct Answer:- Option-B

Question52:-In bimanual palpation

A:-One or two fingers can be inserted into vagina

B:-Normal ovaries are palpable always in lateral fornix

C:-The fundus of the uterus cannot be palpated in a normal uterus

D:-Cervical motion tenderness is normal

Correct Answer:- Option-A

Question53:-Which gynecological cancer has got highest association of hereditary cancer?

A:-Endometrial Cancer

B:-Ovarian Cancer

C:-Fallopian tube Cancer

D:-Carcinoma Vulva

Correct Answer:- Option-B

Question54:-What is responsible for dramatic increase in local rise in prosta glandins and proteolytic enzymes in follicular wall for ovulation?

A:-Mid cycle increase in estrogen levels

B:-Midcycle LH surge

C:-The fall in FSH level

D:-Rise in levels of Inhibin B

Correct Answer:- Option-B

Question55:-Most common cause of secondary dysmenorrhoea is

A:-Endometriosis

B:-Fibroids

C:-Nulliparity

D:-PID

Correct Answer:- Option-A

Question 56:-In an adoloscent, obese girl with infrequent menstrual cycles and heavy flow, BMI. 25, which investigation is not investigation as first step?

A:-Serum TSH

**B:-Serum Prolactin** 

C:-Serum Estradiol

D:-Hemoglobin

Correct Answer: - Option-C

Question57:-What is the most effective treatment for vasomotor symptoms in a menopausal lady?

- A:-Isoflavone
- B:-Raloxifene
- C:-Gabapentin
- D:-Estrogen Therapy

Correct Answer:- Option-D

Question58:-Which is wrong regarding Enhanced Recovery After Surgery (ERAS) protocol?

- A:-Patient is allowed to eat ad lib till 6 hours prior to elective surgeries
- B:-Patients can take clear fluids by mouth till 2 hours prior to surgery
- C:-Patients undergoing pelvic surgery should be kept nil per orally after midnight
- D:-More than one class of anti emetic drugs should be used to manage perioperative nausea and vomiting

Correct Answer:- Option-C

Question59:-Schuchardt Incision

A:-is used in myomectomy

B:-used for salpingectomy

C:-may be used in vaginal hysterectomy

D:-may be used in abdominal sacropexy

Correct Answer:- Option-C

Question60:-The recurrence rate of ecotopic pregnancy after one ectopic pregnancy

A:-51%

B:-31%

C:-10-15%

D:-3%

Correct Answer:- Option-C

Question61:-Which is a cause of hypergonadotrophic hypogonadism?

A:-17 α-hydroxylase deficiency in XX individual

B:-Kallman Syndrome

C:-Physiological delay

D:-Central nervous system tumors

Correct Answer: - Option-A

Question62:-Which is not a sign put forward by International Federation for Cervical Pathology and Colposcopy in CIN III ?

A:-Ridge sign

B:-Inner border sign

C:-Rag sign

D:-Rope sign

Correct Answer:- Option-D

Question63:-In a 35 years old P1L1 treatment of choice for CIN 3 is

A:-Colposcopy

**B:-LEEP** 

C:-Cone Biopsy

D:-Watchful expectancy

Correct Answer:- Option-B

Question64:-In Paget's disease of Vulva, which malignancy should be ruled out?

A:-Adenocarcinoma of anorectum

B:-Squamous carcinoma of Cervix

C:-Endometrioid carcinoma

D:-Immature terratoma of ovary

Correct Answer:- Option-A

Ouestion65:-Which is true about HPV vaccination?

A:-Maximum protection occurs when girls are given HPV vaccine at 9-15 yrs. of age

B:-HPV vaccination need not be given after 26 years of age

C:-HPV vaccine is only for girls and not for boys

D:-Once a woman is vaccinated with HPV vaccine, there is no role for papsmear or HPV DNA testing

Correct Answer:- Option-A

Question66:-Which is true about "Fertile Window" in a couple trying for conception?

A:-Fertile window is from Day 10 to Day 21 of the cycle in all women

B:-Fertile window is the 6-day interval ending on the day of ovulation and does not extend post Ovulation

C:-Fertile window is based on concept that Sperms can survive up to only 3 days in well estrogenized cervical mucus

D:-The ovum can survive upto 36 - 48 hours after ovulation

Correct Answer:- Option-B

Question67:-Which is not true regarding POP-Q classification?

A:-Aa is a point 3cm proximal to external urethral meatus

B:-Bp is in point of maximum prolapse on posterior vaginal wall

C:-C denotes the cervix or cuff

D:-In Procidentia Aa can be - 5cm

Correct Answer:- Option-D

Question68:-Surgical Intervention may not be necessary to evaluate

- A:-Ovarian mass greater than 6cm diameter
- B:-Adnexal mass greater than 10cm diameter
- C:-Solid adnexal mass developing after menopause
- D:-Unilocular clear ovarian cyst of 3cm in a perimenopausal lady

Correct Answer:- Option-D

Question69:-Which of the following HPV vaccines is indigenously developed in India ?

- A:-CERVAVAC
- **B:-CERVARIX**
- C:-Quadrivalent GARDASIL
- D:-CERVASIL

Correct Answer:- Option-A

Question70:-Most common degeneration in fibroid is

- A:-Red degeneration
- **B:-Hyaline degeneration**
- C:-Calcific degeneration
- D:-Sarcomatous

Correct Answer:- Option-B

Question71:-Which is true regarding Semen Analysis Criteria (WHO 2010)?

- i. Volume should be  $\geq 1.5$  mL
- ii. Sperm motility > 50% progressive
- iii. White blood cells < 1 million/mL
- iv. Morphology > 15% normal forms
  - A:-i and iii are correct
  - B:-ii and iii are correct
  - C:-ii and iv are correct
  - D:-i and iv are correct

Correct Answer:- Option-A

Question72:-Regarding use of Gonadotropins for treatment of infertility in women

- i. In PCOS patients, gonadotropins is associated with increased incidence of OHSS
- ii. Gonadotropins are contraindicated for ovulation induction in women with primary ovarian failure with high FSH
- iii. In certain hypothalamic causes like Kallman's Syndrome, gonadotropins can be used
- iv. Sequential use of gonadotropins and aromatase inhibitors is associated with lower number of follicles
  - A:-Only i and ii are correct
  - B:-Only i and iii are correct
  - C:-i, ii and iii are correct
  - D:-All are correct

Correct Answer:- Option-D

Question73:-All of the following are indications for myomectomy except

A:-3cm submucus fibroid with recurrent pregnancy loss

B:-5cm submucus fibroid in infertility

C:-6cm subserous fibroid with primary infertility

D:-A lady with 8 cm intramural fibroid in lower segment getting ready for IVF

Correct Answer:- Option-C

Question74:-All of the following are common presentation of adenomyosis except

A:-Secondary infertility

B:-Dysmenorrhoea

C:-Heavy menstrual bleeding

D:-Lower abdominal lump up to umbilicus

Correct Answer: - Option-D

Question75:-All are true regarding gynecological examination of a Pediatric patient except

A:-Young girl can be examined in frog legged position

B:-Young girl can be examined with mother lying on table with legs apart and child on lap with her legs straddling mother's legs

C:-Speculum examination may be performed in pre pubertal girl in office

D:-An Otoscope can be used to examine distal vagina if indicated

Correct Answer:- Option-C

Question76:-All are medical conditions associated with increased risk of osteoporosis after menopause except

A:-Hyperparathyroidism

B:-Hyperthyroidism

C:-Systemic steroid usage

D:-Hormone replacement therapy

Correct Answer:- Option-D

Question 77: The access techniques of laparoscopy in Gynecology are all except

A:-Hasson entry

B:-Pre in sufflation entry

C:-Lateral entry

D:-Direct entry

Correct Answer:- Option-C

Question 78:- Operative Hysteroscopy alone may be used often in all except

A:-Removal of a small Figo type 0 myoma

B:-Removal of Figo type 3 myoma

C:-Uterine Septum resection with recurrent pregnancy loss

D:-Removal of missing IUD

Correct Answer:- Option-B

Question 79:- All of the following are true except

A:-At birth, cervix and corpus are about equal size

B:-In a reproductive age woman, corpus has grown to two to three times the size of the cervix

C:-"Flexion" is the angle between uterine corpus and upper vagina

D:-After menopause, the transformation zone moves inwards into endocervix

Correct Answer:- Option-C

Question80:-Regarding chemotherapy for malignant ovarian tumors, all are true except

A:-POMB - ACE Regime is for Germ Cell tumors

B:-BEP regimen is for serous tumors

C:-Carboplatin-Paclitaxel combination is for epithelial ovarian cancer

D:-Bevacizumab can be added to platinum drugs in recurrent epithelial ovarian tumors

Correct Answer:- Option-B

Question81:-In a PCOS woman, all are benefits of exercise except

A:-Reduces bodyweight

B:-Reduces insulin resistance

C:-Increases SHBG Levels

D:-Does not have an effect on hirsuitism

Correct Answer:- Option-D

Question82:-All are sites of ureteral injury during abdominal hysterectomy except

A:-At pelvic from where ureters cross common iliac artery

B:-In midpelvis as uterine artery crosses over ureter

C:-Near the cervix at the level of internal os

D:-Medial to infundibulopelvic ligament above pelvic brim

Correct Answer:- Option-D

Question83:-Robotic Surgery all are true except

A:-Robotic column holds the robotic arms

B:-For pelvic surgery, the robotic column is side docked over patient's hip

C:-The surgeon sits on patient's right side

D:-Tips of robotic instruments are articulated with seven degrees of freedom

Correct Answer:- Option-C

Question84:-Uterine Artery Embolization (UAE) may be done in all except

- A:-8 cm fibroid with pressure symptoms in a 45 years old lady with high risks for anesthesia
- B:-7 cm intramural fibroid causing congestive dysmenorrhoea in a 40 yrs old parous lady
  - C:-32 years old nulliparous lady with 10 cm submucus fibroid
- D:-8 cm and 5 cm intramural fibroids on anterior and posterior wall in a 38 years old sterilized women

Correct Answer:- Option-C

Question85:-With metastatic Gestational Trophoblastic Neoplasia, 80% may have visible lung involvement in Chest radiography. All are principal pulmonary patterns except

A:-Alveolar or "snow-storm" pattern

B:-Characteristic B-lines

C:-Pleural effusion

D:-Discrete rounded densities

Correct Answer:- Option-B

Question86:-Treatment of Hirsuitism includes all except

A:-Oral contraceptives (COC)

B:-Spironolactone

C:-Norethisterone acetate

D:-Eflornithine HCI

Correct Answer:- Option-C

Question87:-In HIV positive women, all are true except

A:-All HIV infected individuals are recommended to take ART regard less of CD4 T lymphocyte Count

B:-ART is recommended to HIV infected individuals to prevent transmission of infection

C:-Patients with CD4 + T cells count more than 200, should receive prophylaxis against opportunistic infections

D:-CIN progresses to Ca Cervix more rapidly in HIV positive women

Correct Answer:- Option-C

Question88:-Contraindications to medical abortion with MIFEPRISTONE/MISO PROSTOL include all except

A:-Intrauterine device in place

B:-Chronic adrenal failure

C:-Inherited porphyria in woman

D:-Previous history of unsuccessful medical abortion

Correct Answer:- Option-D

Question89:-Regarding Pelvic Inflammatory Disease (PID) all are true except

- A:-Out patient treatment is permitted in mild to moderate cases
- B:-In diagnosing criteria for PID symptoms need not be present
- C:-Women with TO abscess should be treated at hospital
- D:-Percutaneous drainage of TO abscess under USG guidance should be tried before starting antibiotics

Correct Answer: - Option-D

Question 90:-Regarding laparoscopic Sterilization technique

- i. Silastic rubber band, electrocautery, spring clip etc. can be used to occlude fallopian tube.
- ii. Reversal of sterilization is more successful following falope ring than electrocoagulation.
- iii. Unipolar electrocoagulation is recommended as it is associated with lesser complications.

A:-i and ii are true

B:-i, ii and iii are true

C:-i and iii are true

D:-i alone is true

Correct Answer:- Option-A

Question91:-In Gential Tuberculosis which is the most common part affected in a woman?

A:-Endometrium

B:-Fallopian tube

C:-Ovary

D:-Pelvic peritoneum

Correct Answer:- Option-B

Question 92:-Which is contraindication for medical management of ectopic pregnancy with Methotrexate?

- i. Breast feeding
- ii. Severe anemia
- iii. 5 cm diameter ectopic mass by TVS
- iv.  $\beta$  HCG a value of 4000 mlU/mL

A:-i and ii

B:-i, ii and iii

C:-i and iv

D:-ii and iv

Correct Answer:- Option-B

Question93:-In surgical prevention of hereditary cancers in gynecology

- i. Gold standard and most effective method of preventing ovarian cancer in high risk women is Risk Reducing Salpingo Oophorectomy (RRSO)
- ii. RRSO reduces ovarian cancer risk by 80-96% in BRCA1/BRCA2 Carriers
- iii. RRSO is useful in BRCA1/BRCA2 and Lynch syndrome in almost similar degrees

A:-i and ii are true

B:-i and iii are true

C:-All are true

D:-Only ii is true

Correct Answer:- Option-A

Question94:-About Condoms which is true

A:-Risk of condom breakage is 13% and mainly due to friction

B:-K-Y jelly can be used to increase the lubrication

C:-Condoms do not reduce the risk of invasive Cervical Cancer

D:-Polyurethane and Tactylon condoms should be offered to men with latex allergy

Correct Answer:- Option-D

Question95:-In different methods to extract sperm from Seminal plasma, in IUI which method yields the best motile sperms?

A:-Washing

B:-Swim up

C:-Density gradient centrifugation

D:-Serial filtration

Correct Answer:- Option-C

Question96:-Regarding imaging in Gynecology which is not true

A:-Trans vaginal ultrasound transducer operates at 5 - 8 MHz

B:-Trans abdominal ultrasound transducer operates at 2.5 – 3.5 MHz and hence has got better resolution for normal sized ovaries within pelvis

C:-MRI is better than CT Scan in evaluating soft Tissue involvement in Ca Endometrium

D:-Saline infusion sonography helps to differentiate sessile sub mucus fibroid and endometrial polyp

Correct Answer:- Option-B

Question 97:-Regarding Vulvovaginal Candidiasis (VVC) which is not true?

A:-80% of women would have at least one episode in life time

B:-Recurrent VVC is defined as more than 4 episodes in a year

C:-Treatment of recurrent VVC include oral Fluconazole 150 mgs every three days for 3 doses and suppressive 150 mg weekly for 6 months

D:-pH of vagina in women with recurrent VVC is 6 or above

Correct Answer: - Option-D

Question98:-Which is not true regarding classification of Female Genital Mutation (FGM) ?

A:-Type I - Removing all or part of clitoris and prepuce

B:-Type III - Narrowing vaginal orifice and creating a covering of adjacent Labia Majora and Minora

C:-Type II - Excision of part or all of clitoris and labia minora with or without excision of Labia majora

D:-Type IV - Radical procedure involving removal of clitoris, Labia majora and Labia minora leaving an opening

Correct Answer:- Option-D

Question99:-Regarding tubal recanalization which is not true

A:-main predictors of success are age < 35 ys, isthmic - isthmic, anastomosis

B:-IVF is better option when there are severe pelvic adhesions

C:-Pregnancy rates following microsurgical tubal reanastomosis for sterilization reversal is 55 - 81%

D:-Success rate is almost similar when done for Hydrosalpinx correction

Correct Answer:- Option-D

Question100:-Which is not a Surgical procedure described for Stress Urinary Incontinance (SUI) ?

A:-Bladder neck suspension

B:-Mid Urethral Sling

C:-Distal Urethral Plication Stitch

D:-Kelly's Stitch

Correct Answer:- Option-C