PROVISIONAL ANSWER KEY

Question Paper Code: 1/2018/OL Category Code: 147/2017 Exam: Sr Lecturer in Genito Urinary Surgery Medium of Question: **English** Date of Test 17-01-2018 **Medical Education** Department Alphacode Question1:-The river in Kerala is known as "yellow river" Question2:-The direction of Kerala, where the Western Ghats is located Question3:-Mahila Samrudhi Yojana Scheme was introduced in the year of Question4:-Tsunami is a word of Question5:-Lalgudi Jayaraman is a master of

Correct Answer:- Option-B

Question6:-Man made Reservoir Govinda Sagar is situated in

A:-Hariyana

A:-Bharathapuzha

Correct Answer:- Option-C

Correct Answer: - Option-A

Correct Answer:- Option-D

Correct Answer:- Option-B

B:-Pampa C:-Kuttiadipuzha D:-Chaliyar

A:-East B:-West C:-South D:-North

A:-1990 B:-1991 C:-1992 D:-1993

A:-English B:-Japanese C:-Chinese D:-French

A:-Sitar B:-Violin C:-Tabala D:-Veena

B:-Punjab

C:-Bihar

D:-Himachal Pradesh

Correct Answer:- Option-D

Question7:-Kudumbasree was launched on `17^(th)` May 1998 in the district of

A:-Malappuram

B:-Kozhikkode

C:-Vayanad

D:-Kottayam

Correct Answer: - Option-A

Question8:-The first Muslim President of Indian National Congress (INC) was

A:-Maulana Muhammed Ali

B:-Hakkim Ajmal Khan

C:-Badruddin Taiyabji

D:-Maulana Abdul Kalam Asad

Correct Answer:- Option-C

Question9:-Among the Chola king who had the title of Madurai Konda

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A:-Parantaka
    B:-Rajaraja
    C:-Rajendra
    D:-Kalikala
    Correct Answer: - Option-A
Question10:-Thalakkal Chandu Mammorial is located at
    A:-Edakkal
    B:-Mananthavadi
    C:-Panamaram
    D:-Sultan Batheri
    Correct Answer:- Option-C
Question11:-Kizhariyoor Bomb case is related with
    A:-Salt Satyagraha
    B:-Civil Disobedience Movement
    C:-Malabar Rebellion
    D:-Quit India Movement
    Correct Answer:- Option-D
Question12:-Name the poetry that is not a work of Kumaranasan
    A:-Nalini
    B:-Aksharam
    C:-Karuna
    D:-Veenapoovu
    Correct Answer:- Option-B
Question13:-Who was called as Lokmanya?
    A:-Subhash Chandra Bose
    B:-Gopala Krishna Gokhale
    C:-Bhagat Sing
    D:-Bala Gangadhara Tilak
    Correct Answer:- Option-D
Question14:-Poykayil Sree Kumara Gurudeva is also known as
    A:-Chattampi Swamikal
    B:-Sree Narayana Guru
    C:-Kumara Guru
    D:-Kumaranasan
    Correct Answer:- Option-C
Question15:-The first film directed by Adoor Gopalakrishnan is
    A:-Swayamvaram
    B:-Olavum Theeravum
    C:-Athidi
    D:-Elippathayam
    Correct Answer: - Option-A
Question16:-The President of Venezuela is
    A:-Michel Temer
    B:-Nicolas Maduro
    C:-Hugo Chavez
    D:-Raul Castro
    Correct Answer:- Option-B
Question17:-Who was called Mannathu Padmanabhan as the Kerala Madan Mohan Malavya?
    A:-Mahatma Gandhi
    B:-Rabindranath Tagor
    C:-Sardar K. M. Panikar
    D:-K. Kelappan
    Correct Answer:- Option-C
Question18:-Oval stadium in England is associated with
    A:-Foot ball
    B:-Cricket
    C:-Hockey
    D:-Golf
    Correct Answer:- Option-B
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Question19:-Ramnath Kovind, the President of India has saved as the Governor of A:-Bihar B:-West Bengal C:-Orissa D:-Maharashtra Correct Answer: - Option-A Question 20:- Narasimham committee is associated with Δ·-Film B:-Industry C:-Tax D:-Banking Correct Answer:- Option-D Question21:-Cause of congenital pelvi-urteric function obstruction include A:-Presence of an a peristalitic segment of ureter similar to that found in primary obstructive mega ureter B:-True ureteral stricture at PUJ, that is congenital C:-Kinks or valves produced by unfolding of ureteral mucosa and musculature D:-All of the above Correct Answer: - Option-D Question22:-Which of the following is typically associated with organic E. D. in contrast with psychogenic E.D.? A:-Sudden loss of erections B:-Gradual decline in erectile ability C:-Situational erectile difficulty D:-Erection responses on awakening Correct Answer:- Option-B Question23:-The structure not located in retro peritoneum is A:-Asending color B:-Adrenal C:-Transverse color D:-Second part of duodenum Correct Answer:- Option-C Question24:-All the following are true regarding Germ Cell Tumor (GCT) EXCEPT A:-It occures bilaterally approximately 15% of the time B:-Cryptorchidisism is associated with increased risk for GCT C:-Intratubular Germ Cell Neoplasia (ITGCN) is associated with high risk for GCT D:-GCT incidence may be high when there is a family history of Testicular cancer Correct Answer:- Option-A Question25:-For minimising the gap between healthy urethral margins before anastamosis in pelvic fracture urethral injuries, all the following procedures are useful, EXCEPT A:-Excesion of Bucks Facia from corpus spongiosum B:-Mobilising the corpus spongiosum off the corpora cavernosa up to the corona of the glans C:-Dissection of intracrural space down to the pubis D:-Periosteal elevations infra pubectomy Correct Answer:- Option-B Question26:-Regarding Bladder Pain Syndrome (BPS)/Interstitial Cystitis all the statements are true EXCEPT A:-A childhood presentation is extremely rare. The average age of onset is 40 years B:-Patients with BPS have a 10 fold higher incidence of childhood voiding problems than do patients without the syndrome C:-Bladder compliance in patients with interstitial cystitis is always abnormal D:-Urine Anti Proliferative Factor (APF) appears to have the highest sensitivity and specificity among the markers studied Correct Answer:- Option-C Question27:-Cancer occuring in urinary intestinal diversion is most likely to occure in A:-Uretero sigmoidostomies B:-Ileal conduits C:-Colon conduits D:-Sigmoid conduits Correct Answer: - Option-A Question28:-Which of the following is NOT a contra indication for Testosterone supplementation therapy?

A:-Cogestive heart failure

B:-Polycythemia

C:-Breast Cancer D:-Angina pectoris Correct Answer:- Option-D Question29:-Health related quality of life is best assesed by A:-Patient themselves B:-Sponses or immediate family members C:-Specialist caring for the patient D:-Specially trained examiners Correct Answer: - Option-A Question30:-Transuretero-ureterostomy is contraindicated in A:-Retroperitoneal fibrosis B:-Urothelial malignancy C:-Nephrolithiasis D:-All of the above Correct Answer:- Option-D Question31:-Hyper calciuria in sarcoidosis is A:-Absorptive hypercalciuria B:-Renal hypercalciuria C:-Recorptive hypercalciuria D:-None of the above Correct Answer: - Option-A Question32:-Most sigfnificant complication of PCNL is A:-Incomplete stone removal B:-Extravesation of irrigation fluid C:-Urinary tract infection D:-Hemorrage Correct Answer:- Option-D Question33:-A characteristic finding in angiomyolipoma is A:-Positive staining for vimentin B:-Unique cytokeratin expression pattern C:-Positive staining for Human Melanoma Black-45 (HMB-45) D:-Occasional aneuploidy Correct Answer:- Option-C Question34:-Most common cancer after kidney transplantation A:-Skin B:-Cervix C:-Kaposi sarcoma D:-Thyroid Correct Answer: - Option-A Question35:-The ideal site of meision in endo pyelotomy is A:-Anterior B:-Posterior C:-Medial D:-Lateral Correct Answer:- Option-D Question36:-The nerve likely to be injured is Psoas hitch is A:-Obturator nerve B:-Ilio hypogastric nerve C:-Genitofemoral nerve D:-Lio inguinal nerve Correct Answer:- Option-C

Question37:-Indication for radiologic imaging in urologic trauma include all EXCEPT A:-All penetrating trauma B:-High impact rapid deceleration trauma

C:-Adult patients with microscopic hematuria without shock

D:-All pediatric patients with microscopic hematuria

Correct Answer:- Option-C

Question38:-The stone most unlikely to be fragmented with ESWL

A:-Calcium oxalate dehydrate

C:-Struvite D:-Uric acid Correct Answer:- Option-B Question39:-The most appropriate treatment for patients with renal tubular acidosis include A:-Thiazides B:-Sodium alkali C:-Potassium alkali D:-Aceto hydroxamic acid Correct Answer:- Option-C Question40:-The preferred site of puncture in to the collecting system for PCNL is A:-Upper pole calyx B:-Posterior lower pole calyx C:-Anterior lower pole calyx D:-Upper pole infendibulum Correct Answer:- Option-B Question41:-The siglemost important prognostic factor for RCC is A:-Tumor stage B:-Tumor grade C:-Tumor size D:-Histologic subtype Correct Answer: - Option-A Question42:-Struvite stones (infection stones) can be produced by all the organisms EXCEPT A:-Proteus B:-Klebsiella C:-E-Coli D:-Staphylococcus Correct Answer:- Option-C Question43:-Para neoplastia syndromes in RCC include all the following EXCEPT A:-Hypertension B:-Polycythemia C:-Hepatic dysfunction D:-Hypothyroidism Correct Answer:- Option-D Question44:-Most accurate examination to document the presence of bladder stone is A:-Ultrasonography B:-Excretory urography C:-Computed tomography D:-Cystoscopy Correct Answer:- Option-D Question45:-Which among the following has best prognosis among renal tumors? A:-Sarcoma B:-Carcinoid C:-Small cell D:-Adult Wilms tomor Correct Answer:- Option-B Question46:-The best treatment option for a 9 year old female with right 2 cm renal pelvicstone and cystinuria is A:-Extracorporeal Shock Wave Lithotripsy (ESWL) B:-Ureteroscopy with laser Lithotripsy and stone basketing C:-PCNL D:-Anatrophic nephrolithotomy Correct Answer:- Option-C Question47:-Which of the following statements is true regarding children with non-neurogenic neurogenic bladder? A:-Constriction of urinary sphincter occures during voiding in a voluntary form of detrusor sphincter dyssyenergia B:-Gradual bladder de-compensation and myogenic failure result from incomplete emptying C:-Gradual bladder de-commpensation and myogenic failure result from increasing amounts of residual urine D:-All of the above

Question48:-The estimated prevalence of vesico ureteric reflux in children with Urinary Tract Infection (UTI) is

B:-Calcium oxalate monohydrate

Correct Answer:- Option-D

D:-30% Correct Answer:- Option-D Question49:-The most useful study for the detection of phychonephritis and cortical renal scarring is A:-DTPA scan B:-DMSA scan C:-MAG-3 scan D:-CT urogram Correct Answer:- Option-B Question50:-Which of the following is NOT considered a urachal anomaly? A:-Patent urachus B:-Urachal cyst C:-Urethral-urachus fistual D:-Umbulical urachal sinus Correct Answer:- Option-C Question51:-Most common intra abdominal injury associated with laperoscopic surgery is A:-Bowel injury **B:-Liver injury** C:-Vascular injury D:-Bladder injury Correct Answer:- Option-C Question52:-Accessory pudental artery usually arise from A:-Obturator artery B:-External liac artery C:-Superior vesical artery D:-Femoral artery Correct Answer: - Option-A Question53:-The mycobacteria which does not cause tuberculosis (TB) A:-Mycobacterium bovis B:-Mycobacterium microti C:-Mycobacterium africanum D:-Mucobacterium avium intracellulare Correct Answer:- Option-D Question54:-The effect of testosteron includes all the following EXCEPT A:-enhances sexual interest B:-increase frequency of sexual act C:-increases frequency of noct.erections D:-enhances fantasy induced or visually stimulated erections Correct Answer:- Option-D Question55:-The gold standard in measuring renal function in children with myelodisplasia is A:-Serum creationine B:-GFR as estimated by the Modification of Diet in Renal Risease (MDRD) equation C:-Serum cystatin D:-Nuclear renography Correct Answer:- Option-D Question56:-Pre-ureteral venacava occurs due to the persistance of A:-subcardinal vein B:-supracardinal vein C:-posterior cardinal vein D:-inferior vitelline vein Correct Answer: - Option-A Question57:-Regarding ask-upmark kidney, all are ture EXCEPT A:-it is always associated with renal artery intimal disease B:-hypertension and its sequelae like encephalopathy, retinopathy etc are commonest mainfestations C:-segmental vascular anomalies have been cited as the possible cause of hypertension D:-disease is primarily seen in young women and girls Correct Answer:- Option-A

A:-3% B:-5% C:-10% Question58:-Hypercalcimia in Renal Cell Carcinoma(RCC) can be due to all the following EXCEPT
A:-osteolytic metastalic involvement of the bone
B:-production of parathyroid hormone like peptide by tumor

C:-excessive tubular re-absorption of calcium
D:-action of tumor derived 1,25-dihydroxyvitamine `D (3)` and prostaglandins

Correct Answer:- Option-C

Question59:-Drugs used for intravesical instillation in carcinoma urinary bladder include all the following EXcept

A:-Bacille Clamette-Guerin (BCG)

B:-Cisplatin

C:-Mitomycin-C

D:-Thiotepa

Correct Answer:- Option-B

Question60:-Bacteriuria without pyuria is indicative of

A:-Infection

B:-Colonisation

C:-Tuberculosis

D:-Stones

Correct Answer:- Option-B

Question61:-Blood volume in children is estimated as

A:-55 ml/kg

B:-25 to 50 ml/kg

C:-70-80 ml/kg

D:-65-70 ml/kg

Correct Answer:- Option-C

Question62:-Which of the following groups of antibiotics include the best choice for treating an infected renal cyst in a patient with ADPKD ?

A:-Trimethoprim-sulphamethoxazole, chloromphenicol, fluroquinolones

B:-Cephalosporins, trimethoprim-sulpha methoxazole doxycycline

C:-Gentamycin, cephalosporins, vancomycin

D:-Doxycycline, amoxicillin, gentamicin

Correct Answer: - Option-A

Question63:-Which of the following is confirmatory in the diagnosis of tuberous sclerosis?

A:-Renal angio myolipoma and multiple renal cysts

B:-Hamartomatous rectal polyp and facial adenoma sebaceum

C:-Renal angiomyolipoma and cardiac rhabdomyoma

D:-Mitral valve prolapse, renal angiolipoma and gingival fibromas

Correct Answer:- Option-C

Question64:-The most common type of retroperitoneal soft tissue sarcoma is

A:-Liposarcoma

B:-Leiomyosarcoma

C:-Malignant fibrous histiocytoma

D:-Adrenal myelolipoma

Correct Answer:- Option-A

Question65:-A 24 Fresh (Fr) Foley balloon catheter

A:-Measures 24 cm long

B:-Measures 8 mm in outer diameter

C:-Measures 8 mm in inner diameter

D:-Can hold 24 ml of fluid in the balloon

Correct Answer:- Option-B

Question66:-Regarding pre-operative renal artery embolisation all are true EXCEPT

A:-It can cause shrinkage of arterialised Vena-caval tumor thrombus enabling easy removal

B:-It prevents micrometastasis during surgery

C:-It facilitates dissetion due to development of tissue plane odema

D:-It causes fever, flank pans and nausea us upto 75% of patients

Correct Answer:- Option-B

Question67:-The most consistent segmental branch which supplies nearly 25% of the renal unit is

A:-Apical (Superior) segemental artery

B:-Anterior superior segmental artery

C:-Posterior segmental artery

D:-Basilar segmental artery

Correct Answer:- Option-C

Question68:-Which of the following statement is true regarding Vitamin D metabolism?

A:-Vitamin D increases renal excretion of calcium

B:-Dermally synthesised cholicalciferol must be hydroxylated by both liver and kidney for maximal potency

C:-Vitamin D activity is mediated through membrane bound Vitamin D receptors

D:-Dermally synthesised cholecalciferol is the most potent form of Vitamin D

Correct Answer:- Option-B

Question69:-Regarding major pelvic urologic surgery all are true EXCEPT

A:-Warfarin may be stopped 5 days before the surgery

B:-Aspirin and clopidogrel should be discontinued 7 days before surgery

C:-Fresh Frozen plasma is not useful in immediate reversal of warfarin and replacement of specific clotting factors

D:-Hypothermia results in increased blood loss and increased wound infection

Correct Answer:- Option-C

Question 70: Which of the following statement about cytokine therapy for metastatic Renal Cell Carcinoma (RCC) is true?

A:-Lymphokine-Activated Killer (LAK) cells augment the efficacy of both interferon α(IFNα) and IL-2

B:-The complete response with interferon α monotherapy is 10%

C:-The combination of IL-2 and interferone leads to higher overall response rates than either agent alone

D:-All the above statement are true

Correct Answer:- Option-C

Question71:-The most common histology in penile carcinoma is

A:-Squamous cell carcinoma

B:-Melanoma

C:-Verrucous carcinoma

D:-Adeno carcinoma

Correct Answer: - Option-A

Question72:-Cause of enteric hyper oxaluria is

A:-Excessive oxalate intake

B:-Reduced excretion of oxalate

C:-Fat malabsorption

D:-Increased dietary fat

Correct Answer:- Option-C

Question73:-The only segment of urethra that does not have transitional epithelium is

A:-Prostatic urethra

B:-Fossa navicularis

C:-Bulbar urethra

D:-Membraneous urethra

Correct Answer:- Option-B

Question74:-An advantage of supine versus prone position for percutaneous renal surgery is

A:-Improved pulmonary mechanics

B:-Easier entry in to upper pole calyx

C:-Easier entry in to posterior calyx

D:-Reduced pressure in the collecting system

Correct Answer:- Option-D

Question75:-Transplant between two siblings who are Histocompatability Leukocyte Antigen (HLA) identical (perfect class I and II match) can be rejected this may be due to

A:-Direct antigen presentation

B:-Indirect antigen presentation

C:-Difference is complement proteins

D:-Differences in numbers of circulating platelets

Correct Answer:- Option-B

Question76:-The normal baseline or resting ureteral pressure is

A:-0-5 cm `H (2)O`

B:-5-10 cm `H (2)O`

C:-10-15 cm `H (2)O`

D:-15-20 cm `H (2)0`

Correct Answer:- Option-A

Question77:-The feature associated with worst survival in children with wilms tumor is

A:-diffuse tumor spill

B:-diffuse anaplasia

C:-incomplete tumor resection

D:-lung metastasis

Correct Answer:- Option-B

Question 78:- The radiographic study most useful to detect renal injury is

A:-Intravenous Pyelogram (IUP)

B:-Magnetic Resonance Imaging (MRI) of abdomen

C:-Focused Assessment with Sonagraphy for trauma (FAST) ultrasound

D:-Triphasic abdominal Computed Tomography (CT)

Correct Answer:- Option-D

Question79:-Adolescent urology is defined as the care of patients

A:-From 10-19 years old

B:-From puberty until death

C:-From puberty to 25 years old

D:-From 14-25 years old for males and from 12 to 21 years for female

Correct Answer:- Option-B

Question80:-Which of the following is true regarding Mullerian Inhibiting Substance (MIS)?

A:-it is secreted by the fetal leydig cells

B:-it acts systemically to produce Mullerian regression

C:-it functions normally in patients with hernia uteri inguinal

D:-it is secreted at 7-8 weeks of gestation representing the initial endocrine function of the fetal testis

Correct Answer:- Option-D

Question81:-The mean age of a child with vaginal rhabdomyosarcoma is

A:-younger than 2 years

B:-2-4 years

C:-4-8 years

D:-8-12 years

Correct Answer:- Option-A

Question82:-Hydrocele formation after varicocele ligation is least likely after

A:-retroperitoneal ligation

B:-subinguinal ligation

C:-microscopic inguinal ligation

D:-transvenous embolisation

Correct Answer:- Option-D

Question83:-All of the following are true regarding Pollakiuria EXCEPT

A:-it may be associated with a history of recent death or life threatening event in the family

B:-it is always associated with urinary tract infection or polyuria

C:-affected child may have very high day time frequency, even as high as 50 times per day

D:-Absence of nocturnal frequency differentiates it from Overactive Bladder (OAB)

Correct Answer:- Option-B

Question84:-Which of the following disease has the highest chance of developing Renal Cell Carcinoma (RCC)?

A:-Von Hippel-Lindau desease

B:-Acquired renal cystic desease

C:-Tuferous sclerosis

D:-ADPKD

Correct Answer:- Option-A

Question85:-The test with highest sensitivity to detect Urinary Tract Infection (UTI) is

A:-Leukocyte esterase

B:-Urinary nitrite

C:-Urinary nitrate

D:-Serum procalcitonin

Correct Answer:- Option-A

Question86:-Antibiotic prophylaxis for a major operation is best

A:-Administered 1 hr. before surgery incision

B:-Administered the night before surgery

C:-Administered following incision

D:-Administered immediately ofter completing surgery

Correct Answer:- Option-A

Question87:-Technetium 99 m (99m Te) Dimercapto Succinic Acid (DMSA) is taken up by which renal cell ``

A:-Glomerulus

B:-Proximal tubule

C:-Distal tubule

D:-Collecting tubule

Correct Answer:- Option-B

Question88:-The fetal kidney develops from

A:-Paraxial mesoderm

B:-Intermediate mesoderm

C:-Lateral mesoderm

D:-Neural tube

Correct Answer:- Option-B

Question89:-Regarding sipuleucel T vaccine, all the follwing are true, EXCEPT

A:-It is a treatment option for patients with minimally or asymptomatic prostate cancer

B:-Sipuleucel-T causes marked symptomatic relief in patients with bone pains

C:-The drug was approved based on he survival benefit compared to place bo

D:-Sipuleucel-T will not cause any meaningful PSA decline

Correct Answer:- Option-B

Question90:-The non steroidal antiandrogen associated with interstitial pneumonetis and delayed adaption to darkness after exposure to bright illumination

A:-Bicalutamide

B:-Nilutamide

C:-Flutamide

D:-Cyproterone acetate

Correct Answer:- Option-B

Question91:-The most common malignant tumor associated with bladder diverticula is

A:-Urothelial carcinoma

B:-Adeno carcinoma

C:-Squamous cell carcinoma

D:-Sarcoma

Correct Answer: - Option-A

Question 92: Which of the biomarkers has the greatest specificity for the presence of prostate cancer in patients with elivated PSA?

A:-PCA 3

B:-TMPRSS 2: ERG

C:-F-PSA D:-4 Kscore

Correct Answer:- Option-B

Ouestion 93:- A fourtveight years old women who had abdominal hysterotomy 2 months back presents for evaluation of clear vaginal discharge since surgery. Following oval intake of pyridium, her pads continue to have clear watery discharge. The most likely diagnosis is

A:-Vesico vaginal fistula

B:-Uretero vaginal fistula

C:-Peritoneo vaginal fistula

D:-Vesico uterine fistula

Correct Answer:- Option-C

Question94:-The key elements of abdominal sacrocolpopexy do NOT include

A:-use of permanent monofilamentmesh

B:-Secure fixation to the sacral promontory

C:-Secure fixation to the vaginal cuff

D:-Use of a biologic graft

Correct Answer:- Option-D

Question95:-The consistent advantage of laperoscopic/robotic prostatectomy over open prostatectomy is

A:-Less bleeding

B:-Less urinary incontinence

C:-Preservation of erectle function

D:-Less post operative pain

Correct Answer: - Option-A

Question96:-The test with highest positive predictive value in prostate cancer is

A:-Digital Rectal Examination (DRE)

B:-PSA

C:-Transrectal Ultrasonography (TRUS)

D:-Human Glandular Kallikrein (hKz)

Correct Answer:- Option-B

Question97:-Significant probability of disease recurrence and risk of secondary graft dysfunction can occure in all the following EXCEPT

A:-Chronic glomerulonephritis

B:-Focal segmental glomerulosclerosis

C:-Haemolytic uremic syndrome

D:-Primary oxalosis

Correct Answer:- Option-A

Question98:-Foley Y-V pyloplasty is useful in

A:-anterior crossing vessel

B:-high ureteral insertion

C:-redundant renal pelvis

D:-small intra renal pelvis

Correct Answer:- Option-B

Question99:-A patient with serum creatinine 2.5 mg/dL requires renal angiography. The best way to protect renal function is

A:-saline diuresis

B:-pre-study mannitol

C:-furosemide before study

D:-dopamine throughout the study

Correct Answer: - Option-A

Question100:-The most common bacteria causing xantho-granulomatous pylonephritis is

A:-E. Coli

B:-Proteus mirabilus

C:-Pseudomonas

D:-Klebsiella

Correct Answer:- Option-B