



**THE ROYAL AUSTRALIAN COLLEGE OF GENERAL PRACTITIONERS**

**PRACTICE PAPER**

**SCORING KEY (KFP)**

**ANSWERS (AKT)**

**KEY FEATURE PROBLEMS  
SCORING SHEETS FOR PRACTICE PAPER**

**CASE 1**

**Question 1**

Epstein Barr Virus (Infectious mononucleosis) (Score 3)

Cytomegalovirus (Score 1)

Leukaemia (Score 1)

Total requested = 3. Total accepted = 3

Total score = 5.

**Question 2**

Three of the following are required:

Epstein Barr Virus serology (Score 2)

Full Blood Count (FBC) (Score 2)

CMV serology (Score 1)

Answer must include Full Blood Count (FBC).

Total requested = 3. Total accepted = 3

Total score = 5.

## **CASE 2**

### **Question 1**

Deep venous thrombosis must be included in the differential diagnoses (Score 1)

Total requested=1. Total accepted=1  
Total score = 1.

### **Question 2**

Any six (6) of the following items are required:

Activity at onset of symptoms  
Cigarette smoking  
Previous knee problems  
Previous neoplasia  
Recent immobilisation  
Recent surgery  
Wounds on foot

All score 1.  
Total requested = 6. Total accepted = 6  
Total score = 6.

## **CASE 3**

### **Question 1**

Peptic ulcer (Score 2)  
Colon cancer (Score 2)  
Gastric cancer (Score 2)  
Vascular malformations (Score 1)  
Diverticular bleeding (Score 1)

Total requested = 5. Total accepted = 5  
Total score = 8.

### **Question 2**

Colonoscopy (Score 1)  
Upper gastrointestinal endoscopy (Score 1)

Total requested = 2. Total accepted = 2  
Total score = 2.

## **CASE 4**

### **Question 1**

Osteoporotic crush fracture (Score 1)

Malignant infiltration/bony secondary (Score 1)

Total requested = 2. Total accepted = 2

Total score = 2.

### **Question 2**

Bone scan (Score 1)

Plain X-ray spine (Score 1)

Total requested = 2. Total accepted = 2

Total score = 2.

## **CASE 5**

### **Question 1**

Urinary tract infection

(L) lower lobe pneumonia

Viral lower respiratory tract infection

All score 1. Total requested = 3. Total accepted = 3.

Total score = 3.

### **Question 2**

CXR (PA and lateral)

Midstream urine

Both score 1. Total requested = 2. Total accepted = 2

Total score = 2.

## **CASE 6**

### **Question 1**

Antenatal care options  
Smoking cessation  
Alcohol cessation  
Folate supplementation  
Continue sertraline (Zoloft) or discuss risk/benefits of sertraline  
Optimal diet  
Regular exercise  
Listeria prevention advice-foods to avoid and food handling  
Toxoplasmosis prevention advice-animal/gardening

All score 1. Total requested = 9. Total accepted = 9  
Total score = 9

### **Question 2**

Blood group and antibody screen (Score 2)  
Full blood examination (Score 2)  
Rubella antibody status (Score 2)  
Syphilis serology (VDRL/TPHA/RPR) (Score 1)  
Midstream urine (M,C+S) (Score 1)  
Hepatitis B/C serology (Score 1)  
HIV serology (Score 1)  
Cervical cytology (pap smear) if due (Score 1)  
Vitamin D (Score 1)  
Varicella serology (Score 1)  
Ultrasound-dating scan (Score 1)  
Random blood glucose level (Score 1)

Total requested=12. Total accepted=13  
Total score= 15

### **Question 3**

Gestational diabetes (score 1)

Total requested=1. Total accepted=1  
Total score= 1

## **CASE 7**

### **Question 1**

Acute infection (Score 2)  
Cerebral secondaries (Score 2)  
Drug/alcohol effect (Score 1)  
Electrolyte disturbance (Score 1)  
Other medical eg.subdural, CVA (Score 1)

Total requested = 5. Total accepted = 5  
Total score = 7.

### **Question 2**

Any five (5) of the following are required (all score 1):

Admission to general hospital  
Blood cultures  
Blood gases/oximetry  
Chest X-ray  
CT brain  
Urine culture

All score 1. Total requested = as many as appropriate. Total accepted = 6  
Total score = 5.

## **CASE 8**

### **Question 1**

NIDDM  
Drug induced/drug side effects (Score 1)  
Chronic renal failure (Score 1)  
Stress of family situation/depression (Score 1)  
Hypothyroidism (Score 1)  
Anaemia (Score 1)  
Menopause (Score 1)

Total requested = 6. Total accepted = 6  
Total score = 6

### **Question 2**

Blood sugar  
Full blood count (FBC)  
Thyroid stimulating hormone (T.S.H.)  
Urea, creatinine and electrolytes

All score 1. Total requested = 4. Total accepted = 4  
Total score = 4.

## **CASE 9**

### **Question 1**

Irritable hip or transient synovitis

Total requested =1. Total accepted=1.

Total score=1

### **Question 2**

CRP or ESR (Score 1)

Full blood count/Full blood examination/Blood count (Score 1)

Total requested=2. Total accepted=2

Total score=2

### **Question 3**

Analgesia

Arrange to review child the following morning

Educate parents and explain diagnosis

Rest

All score 1. Total requested= As many as appropriate. Total accepted =4

Total score = 4.

## **CASE 10**

### **Question 1**

Maternal transmission may occur  
May be treated with Interferon alpha  
Results in chronic liver disease in up to 50% of cases  
Serial liver function tests of infected individuals are recommended  
Signs of infection are often subclinical  
Vaccination is not available

All score 1. Total requested = 6. Total accepted = 6  
Total score = 6

### **Question 2**

Any seven (7) of the following:

Do not donate blood. (Score 2)  
Advise health care workers eg dentist, etc (Score 1)  
Do not share intimate equipment eg toothbrush, razor, etc. (Score 2)  
Safe sex practices (Score 1)  
Do not share needles (Score 2)  
Continue normal universal precautions (Score 2)  
Inform sexual partners and offer testing (Score 1)  
Pregnancy/perinatal advice eg. risk of maternal transmission (Score 2)

Total requested=7. Total accepted=8  
Total score = 12.

## **CASE 11**

### **Question 1**

Viral, eg rotavirus/adenovirus (Score 2)

Campylobacter (Score 2)

E.Coli (Score 2)

Salmonella (Score 2)

Shigella (Score 2)

Staphylococcus (Score 2)

Any of giardia, entamoeba, cryptosporidium (Score 1)

Total requested = 7. Total accepted = 7.

Total score = 13.

### **Question 2**

Stool for microscopy, culture & sensitivity (Score 2)

Providing more than one (1) investigation, score = 0.

Total score = 2.

### **Question 3**

Fluid replacement/gastrolyte (Score 1)

Rest in bed/off work/exclude from food handling (Score 1)

Consider antiemetic (Score 1)

Total requested = 3. Total accepted= 3.

Total score = 3.

## **CASE 12**

### **Question 1**

Senile dementia/Alzheimer's disease (Score 1)

Depression (Score 1)

Hypothyroidism (Score 1)

Poor nutrition/anaemia etc (Score 1)

Other organic brain pathology eg. multi infarct dementia (Score 1)

Space occupying lesions eg. tumours, sub dural haematomas etc. (Score 1)

Occult infection (Score 1)

Total requested = 7. Total accepted = 7.

Total score = 7.

### **Question 2**

Any five (5) of the following:

CT scan of the head/MRI (Score 1)

Thyroid function tests (Score 1)

Folate, B<sub>12</sub> (Score 1)

Urea, creatinine and electrolytes (Score 1)

Full blood count (Score 1)

Urinalysis/MSU (Score 1)

Total requested = 5. Total accepted = 5.

Total score = 5.

## **CASE 13**

### **Question 1**

Herpes Zoster (Score 1)

### **Question 2**

Prescribe aciclovir, famciclovir or valaciclovir etc (Score 1)

Treat pain with analgesics (Score 1)

Total requested=2. Total accepted=2.

Total score = 2

### **Question 3**

HIV risk factors (Score 1))

Any possibility of immunosuppression (Score 1)

Total requested=2. Total accepted=2.

Total score = 2

## **CASE 14**

### **Question 1**

Acute inferior myocardial infarction (Score 3)  
Myocardial infarction – no site specified (Score 1)  
Acute myocardial infarction (Score 2)

Total requested = 1. Total accepted = 1.  
Total score = 3

### **Question 2**

ST elevation II, III, AVF (Score 1)  
T inversion I, AVL, chest leads (Score 1)  
ST depression I, AVL, chest leads (Score 1)

Total requested = 3. Total accepted = 3.  
Total score = 3

### **Question 3**

Administer oxygen (Score 1)  
Aspirin 300mg orally stat (Score 1)  
Call an ambulance (Score 1)  
Establish intravenous access (Score 1)  
Glyceryl trinitrate – sublingual (Score 1)  
Intravenous morphine (Score 1)

Total requested = As many as appropriate. Total accepted = 6.  
Total score = 6

*Applied Knowledge Test Practice Paper: Answers*

**SINGLE BEST ANSWERS**

<b>Question No.</b>	<b>Answer</b>
1	E
2	D
3	E
4	E
5	B
6	E
7	E
8	E
9	C
10	D
11	B
12	D

**EXTENDED MATCHING QUESTIONS**

<b>Question No.</b>	<b>Answer</b>
1	H
2	K
3	G
4	M
5	J
6	L
7	A
8	E