

**OSSSC**

**Previous Year Paper**  
**Nursing Officer 2021**

DO NOT OPEN THE SEAL OF THE QUESTION BOOKLET UNTIL YOU ARE ASKED TO DO SO

Question Booklet Series Code : **A**

Question Book Serial No : **111585**

Time Allowed : 02.00 hours

**NO-2020**

Maximum Marks : 100

ନିର୍ଦ୍ଧାରିତ ସମୟ : 02.00 ଘଣ୍ଟା

ସର୍ବାଧିକ ମାର୍କ : 100

Read the following instructions carefully before you begin to answer the questions.  
This Booklet contains 100 objective type questions with multiple choice answers in three Parts.

Each question carries one mark.

There shall be negative marking @0.25 mark for each wrong answer and multiple answers.

Part-I contains 10 questions on Arithmetic which are available in both English and Odia version. In the case of discrepancy in meaning, the English version will prevail.

Part-II contains 05 questions on English.

Part-III contains 85 questions on GNM/ B. Sc. NURSING course which includes questions based on practical skill to assess the practical skill of the candidates.

All questions are compulsory.

ପ୍ରଶ୍ନଗୁଡ଼ିକର ଉତ୍ତର କରିବାପୂର୍ବରୁ ନିମ୍ନ ପ୍ରଦତ୍ତ ନିର୍ଦ୍ଦେଶାବଳୀ ଯତ୍ନସହକାରେ ପଢନ୍ତୁ । ଏହି ପୁସ୍ତିକାରେ ତିନିଗୋଟି ଭାଗରେ 100ଟି ବିବିଧ ଉତ୍ତର ଯୁକ୍ତ ସଂକ୍ଷିପ୍ତ ପ୍ରଶ୍ନ ରହିଛି । ପ୍ରତ୍ୟେକ ପ୍ରଶ୍ନର ସଠିକ ଉତ୍ତର ପାଇଁ ଏକ ମାର୍କ ରହିଛି ।

ପ୍ରତ୍ୟେକ ଭୁଲ ଉତ୍ତର ପାଇଁ ଏବଂ ଏକାଧିକ ଉତ୍ତର ପାଇଁ 0.25 ମାର୍କ ଲେଖାଏଁ ବିଯୋଗ କରାଯିବ ।

ପ୍ରଥମ ଭାଗରେ ଗଣିତର 10ଟି ପ୍ରଶ୍ନ ରହିଛି ଯେଉଁଥିରେ ଇଂରାଜୀ ରୁ ଓଡ଼ିଆକୁ ଭାଷାନ୍ତର ଉପଲବ୍ଧ । ଅର୍ଥବୋଧରେ କିଛି ତାରତମ୍ୟ ଥିଲେ ଇଂରାଜୀ ଭାଷା ବଳବତ୍ତର ରହିବ ।

ଦ୍ୱିତୀୟ ଭାଗରେ ଇଂରାଜୀରେ 05ଟି ପ୍ରଶ୍ନ ରହିଛି ।

ତୃତୀୟ ଭାଗରେ GNM/ B. Sc. NURSING ବିଷୟରେ (practical skill based ପ୍ରଶ୍ନ ସହିତ) 85ଟି ପ୍ରଶ୍ନ ରହିଛି ।

ସମସ୍ତ ପ୍ରଶ୍ନ ବାଧ୍ୟତାମୂଳକ ।

INSTRUCTIONS FOR CANDIDATES	ପ୍ରାର୍ଥୀମାନଙ୍କ ପାଇଁ ନିର୍ଦ୍ଦେଶାବଳୀ
<ol style="list-style-type: none"> <li>Before answering any question, check the Booklet and ensure that it contains 16 pages and no page is missing, mutilated or repeated. In case of any such defect, get it replaced immediately.</li> <li>The Invigilator shall supply you the blank Two Part carbonless OMR Answer Sheet separately. Enter your Roll Number, Question Booklet Serial Number and Question Booklet Series Code and darken the corresponding circle/oval provided on the Answer Sheet at the appropriate space carefully by black/blue ball point pen only. You must write the name, date and centre of examination and put your full signature in the appropriate space provided therein before answering any question.</li> <li>A machine will read the coded information furnished by you in the OMR Answer Sheet. If the information so furnished by you are incomplete or different from what you have given in the application form, you shall be awarded Zero marks.</li> <li>Answer must be given by completely blackening one of the four circles/ovals representing the correct answer given on the Answer Sheet corresponding to the relevant question by using Black/Blue ball point pen only. Answers not shown by properly darkening in black/blue ball point pen, no marks shall be awarded.</li> <li>No Rough work should be done on the OMR Answer Sheet. Space for rough work has been provided in the Question Booklet itself.</li> <li>Correcting fluid, eraser, blade, books, textual material, scripts, notes/loose paper, calculator, docupen, slide rules, log tables, electronic watches, smart watch, cell phone, pager, other electrical/electronic devices etc. are not allowed inside the examination hall. In case the candidate is found to be in possession of any of the above, he/she shall be expelled from the examination without any enquiry whether the same was/were used by the candidate or not.</li> <li>These instructions must be complied with fully, failing which your Answer Sheet shall not be evaluated and Zero marks will be awarded.</li> <li>After the examination is over, candidates must ensure to fold the OMR Answer Sheet at the perforation and separate the Original Copy and Candidate's Copy of the Two Part OMR Answer Sheet in the presence of the Invigilator and handover the Original Copy to the Invigilator. The Candidate's Copy of the OMR Answer sheet may be taken by the candidate. Failure to hand over the original copy of the OMR Answer Sheet to the Invigilator before leaving the examination hall/room shall make the candidate liable for penal action.</li> <li>Failure to comply with any of the above instructions shall be considered as adopting unfair means and action as deemed proper shall be taken.</li> </ol>	<ol style="list-style-type: none"> <li>କୌଣସି ପ୍ରଶ୍ନର ଉତ୍ତରଦେବା ପୂର୍ବରୁ ପୁସ୍ତିକାଟିକୁ ଚନଖି ଦେଖନ୍ତୁ କି ଏଥିରେ ୧୬ ପୃଷ୍ଠା ଅଛି ଓ କୌଣସି ପୃଷ୍ଠା ନଷ୍ଟ, ପୁନରାବୃତ୍ତି କିମ୍ବା ଛାଡ଼ି ହୋଇନାହିଁ କୌଣସି ତ୍ରୁଟିଥିଲେ ତାକୁ ତୁରନ୍ତ ବଦଳ କରାଇନିଅନ୍ତୁ ।</li> <li>ନିରୀକ୍ଷକ ଆପଣଙ୍କୁ ପୃଥକକାରେ ଓଏମ୍‌ଆର୍ ଉତ୍ତରପତ୍ର (Two Part carbonless OMR Answer Sheet) ଦେବେ । ଉତ୍ତରପତ୍ରର ଯଥା ସ୍ଥାନରେ ଆପଣଙ୍କ ରୋଲନମ୍ବର, ପ୍ରଶ୍ନପୁସ୍ତିକା କ୍ରମିକନମ୍ବର ଏବଂ ପ୍ରଶ୍ନପୁସ୍ତିକା ସିରିଜ କୋଡ୍ ଉଲ୍ଲେଖ କରନ୍ତୁ ଏବଂ ତା ପାଇଁ ଉଦ୍ଦିଷ୍ଟ ବୃତ୍ତ / ଅଣ୍ଡାକୃତିକୁ କେବଳ କଳା / ନୀଳ କାଳିର ବଲପଏଣ୍ଟ କଲମ ହାତୀ କାଳି କରନ୍ତୁ । ସେଠାରେ ପ୍ରଦତ୍ତ ନିର୍ଦ୍ଦିଷ୍ଟ ସ୍ଥାନରେ ପରୀକ୍ଷାର ନାମ, ତାରିଖ ଓ ପରୀକ୍ଷା କେନ୍ଦ୍ରର ନାମ ନିଶ୍ଚିତ ଭାବେ ଲେଖନ୍ତୁ ଏବଂ କୌଣସି ପ୍ରଶ୍ନର ଉତ୍ତରଦେବା ଆଗରୁ ଯଥାସ୍ଥାନରେ ଆପଣଙ୍କ ପୁରା ଦସ୍ତଖତ କରନ୍ତୁ ।</li> <li>ଓଏମ୍‌ଆର୍ ଉତ୍ତରପତ୍ରରେ ଆପଣ ଉଲ୍ଲେଖ କରିଥିବା ସାଙ୍କେତିକ ତଥ୍ୟକୁ ଗୋଟିଏ ଯନ୍ତ୍ର ପଦ୍ଧତି । ତେଣୁ ଆପଣଙ୍କର ଏହି ପ୍ରଦତ୍ତ ତଥ୍ୟ ଯଦି ଦରଖାସ୍ତ ପର୍ଯ୍ୟନ୍ତ ଦିଆଯାଇଥିବା ତଥ୍ୟଠାରୁ ପୃଥକ କିମ୍ବା ଅସମ୍ପୂର୍ଣ୍ଣ ହୁଏ, ଆପଣଙ୍କୁ ଶୂନ୍ୟ ମାର୍କ ପ୍ରଦାନ କରାଯିବ ।</li> <li>ଉତ୍ତରପତ୍ରରେ ଥିବା ସମ୍ପୂର୍ଣ୍ଣ ପ୍ରଶ୍ନର ଉତ୍ତର ପାଇଁ ଉଦ୍ଦିଷ୍ଟ ବୃତ୍ତ / ଅଣ୍ଡାକୃତିକୁ କେବଳ କଳା / ନୀଳ କାଳିର ବଲପଏଣ୍ଟ କଲମ ହାତୀ କାଳିକରି ଉତ୍ତର ଦିଅନ୍ତୁ । କଳା / ନୀଳ ବଲ ପଏଣ୍ଟ କଲମ ହାତୀ ସଠିକ୍ ଭାବେ କାଳି କରାଯାଇନଥିବା ଉତ୍ତର ପାଇଁ କୌଣସି ମାର୍କ ଦିଆଯିବ ନାହିଁ ।</li> <li>ଓଏମ୍‌ଆର୍ ଉତ୍ତରପତ୍ରରେ ରତ୍ନ କାମ କରନ୍ତୁ ନାହିଁ । ପ୍ରଶ୍ନପୁସ୍ତିକାରେ ରତ୍ନ କାମପାଇଁ ଖାଲିକାଗା ଦିଆଯାଇଅଛି ।</li> <li>କୌଣସି ଧରକାଉବା ରଙ୍ଗ, ରବର, ଟ୍ରେଡ଼, ବହି, ଛାପା / ହାତଲେଖାକାଗର, କାଳକୁଲେଟର, ଡକ୍ୟୁମେଣ୍ଟ, ସ୍ଲାଇଡ଼ ରୁଲ, ଲଗ ଟେବୁଲ, ଉଲ୍ଲେକଗ୍ରୋନିକ ପଦ୍ଧତି, ସ୍ମାର୍ଟ ଘଣ୍ଟା, ମୋବାଇଲ ଫୋନ୍, ପେଜର, ଅନ୍ୟ ବିଦ୍ୟୁତ୍/ଉଲ୍ଲେକଗ୍ରୋନିକ ଉପକରଣାଦିକୁ ଆପଣ ପରୀକ୍ଷା ହଲ / କୋଠରୀ ଭିତରକୁ ନେଇ ପାରିବେ ନାହିଁ । ଯଦି ଉପରୋକ୍ତ କୌଣସି ଉପକରଣ ଆପଣଙ୍କ ପାଖରୁ ଉଦ୍ଧାର କରାଯାଏ, ବ୍ୟବହାର କରିଥାନ୍ତୁ ବା ନ କରିଥାନ୍ତୁ, ବିନା ତଦତ୍ତରେ ଆପଣଙ୍କୁ ତୁରନ୍ତ ପରୀକ୍ଷାରୁ ବାସ୍ତବ କରାଯିବ ।</li> <li>ଏହି ନିର୍ଦ୍ଦେଶାବଳୀକୁ ସଂପୂର୍ଣ୍ଣଭାବେ ନିଶ୍ଚିତ ପାଳନକରନ୍ତୁ, ଅନ୍ୟଥା ଆପଣଙ୍କ ଉତ୍ତରପତ୍ରର ମୂଲ୍ୟାୟନ କରାଯିବ ନାହିଁ ଏବଂ ଶୂନ୍ୟ ମାର୍କ ପ୍ରଦାନ କରାଯିବ ।</li> <li>ପରୀକ୍ଷା ସରିବା ପରେ ପରୀକ୍ଷା ହଲ ଛାଡ଼ିବା ପୂର୍ବରୁ ଆପଣଙ୍କ Two Part carbonless OMR Answer Sheet ଉତ୍ତରପତ୍ରର Original Copy ଓ Candidate's Copy ନିରୀକ୍ଷକଙ୍କ ଉପସ୍ଥିତିରେ ଚିହ୍ନ ଥିବା ସ୍ଥାନରେ ସଠିକ୍ ଭାବେ ଭାଙ୍ଗ କରି ଦିଶି ପୃଥକ କରନ୍ତୁ ଓ Original Copyଟିକୁ ନିରୀକ୍ଷକଙ୍କୁ ହସ୍ତାନ୍ତର କରନ୍ତୁ । ଅନ୍ୟଥା ପରୀକ୍ଷାର୍ଥୀ ଆଇନାନୁଯାୟୀ ଦଣ୍ଡନୀୟ ହେବେ । ଓଏମ୍‌ଆର୍ ଉତ୍ତରପତ୍ରର ପ୍ରାର୍ଥୀଙ୍କ ପାଇଁ ଉଦ୍ଦିଷ୍ଟପଦ୍ଧତି (Candidate's Copy) ପରୀକ୍ଷାର୍ଥୀ ନେଇଯିବେ ।</li> <li>ଉପରୋକ୍ତ ନିର୍ଦ୍ଦେଶାବଳୀରୁ କୌଣସି ନିର୍ଦ୍ଦେଶର ଅନୁପାଳନରେ ଖୁଲାପକଲେ ଏହାକୁ ଅସତ୍ତ୍ୱ ଉପରା ଅବଲମ୍ବନ କରିଛନ୍ତି ବୋଲି ବିବେଚନା କରାଯିବ ଏବଂ ପରୀକ୍ଷାର୍ଥୀଙ୍କ ବିରୁଦ୍ଧରେ ଯଥାଚିତ୍ତ କାର୍ଯ୍ୟାନୁଷ୍ଠାନ ଗ୍ରହଣ କରାଯିବ ।</li> </ol>

DO NOT OPEN THE SEAL OF THE QUESTION BOOKLET UNTIL YOU ARE ASKED TO DO SO

**Part-I**  
**ARITHMETIC: 10 Marks**

*Instructions : Each question under this section carries One mark. Please read the instructions carefully and answer the questions by selecting the right one out of the multiple answers given below each as A, B, C and D. There shall be negative marking @ 0.25 mark for each wrong answer and multiple answers.*

1. A man completed a journey in 10 hours. He travelled first half of the total distance at the rate of 21 km/hr and second half at the rate of 24 km/hr. What is the total distance he travelled in kilometer?

- (A) 220 km (B) 224 km (C) 230 km (D) 234 km

ଜଣେ ଲୋକ 10 ଘଣ୍ଟାରେ ଯାତ୍ରା ଶେଷକଲେ । ସେ ପ୍ରଥମାର୍ଦ୍ଧ ରାସ୍ତା ଯାତ୍ରାପୂର୍ତ୍ତି 21 କିଲୋମିଟର ବେଗରେ ଏବଂ ଦ୍ୱିତୀୟାର୍ଦ୍ଧ ରାସ୍ତା ଯାତ୍ରାପୂର୍ତ୍ତି 24 କିଲୋମିଟର ବେଗରେ ଯାତ୍ରା କରିଥିଲେ । ସମୁଦାୟ ସେ କେତେ କିଲୋମିଟର ଯାତ୍ରା କରିଥିଲେ?

- (A) 220 କି.ମି. (B) 224 କି.ମି. (C) 230 କି.ମି. (D) 234 କି.ମି.

2. A person crosses a 600 metre long street in 5 minutes. What is his speed in kilometer per hour?

- (A) 3.6 (B) 7.2 (C) 8.4 (D) 10

ଜଣେ ଲୋକ 600 ମିଟର ଲମ୍ବ ରାସ୍ତା 5 ମିନିଟ୍‌ରେ ଅତିକ୍ରମ କରନ୍ତି । ତାଙ୍କର ଯାତ୍ରାପୂର୍ତ୍ତି ବେଗ କେତେ କିଲୋମିଟର?

- (A) 3.6 (B) 7.2 (C) 8.4 (D) 10

3. What is the cube of  $-1\frac{1}{3}$ ?

- (A)  $\frac{16}{9}$  (B)  $\frac{-16}{27}$  (C)  $\frac{-64}{27}$  (D)  $\frac{64}{27}$

$-1\frac{1}{3}$  ର ଘନଫଳ କେତେ ?

- (A)  $\frac{16}{9}$  (B)  $\frac{-16}{27}$  (C)  $\frac{-64}{27}$  (D)  $\frac{64}{27}$

4. What is the ratio between 0.02 and 0.002 ?

- (A) 1:10 (B) 1:100 (C) 100:1 (D) 10:1

0.02 ଏବଂ 0.002 ର ଅନୁପାତ କେତେ?

- (A) 1:10 (B) 1:100 (C) 100:1 (D) 10:1

5. After 4 years the principal amount of Rs. 12000 grows into Rs. 14,400. Find out the rate of simple interest?

- (A) 3% (B) 5% (C) 4% (D) 6%

ଯଦି 12000 ଟଙ୍କାର ମୂଳଧନ 4 ବର୍ଷର 14400 ଟଙ୍କାକୁ ବୃଦ୍ଧି ହୁଏ, ତେବେ ତାହାର ବାର୍ଷିକ ସରଳ ସୁଧହାର କେତେ?

- (A) 3% (B) 5% (C) 4% (D) 6%

6. What is the decimal of 9% ?

- (A) 0.9 (B) 0.009 (C) 0.09 (D) 0.0009

9% ର ଦଶମିକ ସଂଖ୍ୟାରେ ପ୍ରକାଶକଲେ କେତେ ହେବ?

- (A) 0.9 (B) 0.009 (C) 0.09 (D) 0.0009

7. If the marked price of an article is Rs. 400/- and its sale price is Rs. 340/-, Find out the percentage of discount

- (A) 10% (B) 15% (C) 12% (D) 18%

ଯଦି ଲୋଟିଏ ବସ୍ତୁର ଲିଖିତ ମୂଲ୍ୟ 400 ଟଙ୍କା ଏବଂ ବିକ୍ରିମୂଲ୍ୟ 340 ଟଙ୍କା ହୁଏ, ସେହି ବସ୍ତୁର ରିହାତି ପ୍ରାୟ କେତେକଡ଼ା କେତେ?

- (A) 10% (B) 15% (C) 12% (D) 18%

8. If three-fifth ( $\frac{3}{5}$ ) of 60% of a number is 36, then what is the number?

- (A) 100 (B) 80 (C) 75 (D) 90

ଯଦି ଲୋଟିଏ ସଂଖ୍ୟାର 60 ର ତିନି ପଞ୍ଚମାଂଶ ( $\frac{3}{5}$ ) 36 ହୁଏ, ସେହି ସଂଖ୍ୟାଟି କେତେ?

- (A) 100 (B) 80 (C) 75 (D) 90

9.  $\frac{\sqrt{24} + \sqrt{216}}{\sqrt{96}} = ?$

- (A)  $2\sqrt{6}$  (B)  $6\sqrt{2}$  (C) 2 (D)  $\frac{1}{3}\sqrt{6}$

10. After 15 years, a man will be just four times as old as he was 15 years ago. What is his present age?

- (A) 10 years (B) 15 years (C) 20 years (D) 25 years

କେଣେ ବ୍ୟକ୍ତିର ବୟସ 15 ବର୍ଷ ପୂର୍ବରୁ ଯେତେ ଥିଲା 15 ବର୍ଷ ପରେ ତାର ଠିକ୍ 4 ଗୁଣ ହେବ । ସେହି ବ୍ୟକ୍ତିର ବର୍ତ୍ତମାନ ବୟସ କେତେ?

- (A) 10 years (B) 15 years (C) 20 years (D) 25 years

Part-II  
ENGLISH : 05 Marks

*Instructions : Each question under this section carries One mark. Please read the instructions carefully and answer the questions by selecting the right one out of the multiple answers given below each as A, B, C and D. There shall be negative marking @ 0.25 mark for each wrong answer and multiple answers.*

11. Fill in the blank with appropriate preposition.

Rama is senior \_\_\_\_\_ Dama.

- (A) to (B) than (C) from (D) in

12. Fill in the blank with appropriate verb.

The teacher as well as the students \_\_\_\_\_ responsible for the agitation in the school campus.

- (A) are (B) is (C) shall (D) were

13. Fill in the blank with correct spelling of the word.

The blue \_\_\_\_\_ is flying very high in the air.

- (A) ballon (B) balloon (C) baloon (D) bellon

14. Find out the correct part of the speech of the underlined word.

Always Speak the truth.

- (A) noun (B) pronoun (C) verb (D) adverb

15. What is the feminine gender of 'nephew'?

- (A) aunt (B) nun (C) niece (D) lass

Part-III  
Section-A : GNM / B.Sc. NURSING : 85 Marks

*Instructions : Each question under this section carries One mark. Please read the instructions carefully and answer the questions by selecting the right one out of the multiple answers given below each as A, B, C and D. There shall be negative marking @ 0.25 mark for each wrong answer and multiple answers.*

16. What do you mean by systolic B.P.?

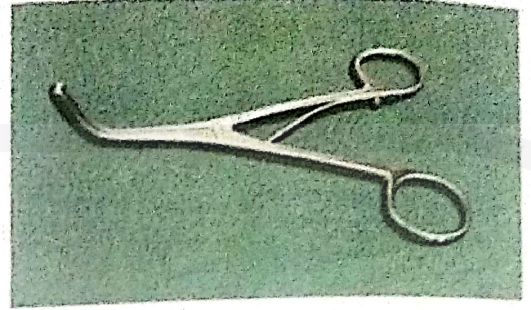
- (A) The pressure within the arteries during dilatation of left ventricles  
(B) The pressure within the arteries during contraction of left atrium  
(C) The pressure within the arteries during contraction of left ventricles  
(D) The pressure within the arteries during complete cardiac diastole.

17. Which blood group is known as the universal donor?  
 (A) O (B) AB (C) A (D) B.
18. Which of the following vitamin enhances blood clotting?  
 (A) Vitamin K (B) Vitamin B (C) Vitamin C (D) Vitamin A.
19. The normal platelet count in human blood is about:  
 (A) 70000-90000/mm<sup>3</sup> blood  
 (B) 150000-350000/mm<sup>3</sup> blood  
 (C) 50,000-350000/mm<sup>3</sup> blood  
 (D) 4000-11000/mm<sup>3</sup> blood
20. Sterilization of endoscope is done:  
 (A) By autoclaving (B) By U. V. rays  
 (C) By 2% phenol (D) By 2% gluteraldehyde
21. Urine sample for culture is collected from:  
 (A) First urine (B) Last urine  
 (C) Midstream urine (D) First and last urine.
22. What is the normal size (length, width and thickness) of non-pregnant uterus in an adult?  
 (A) 7.5 × 2.5 × 1.5 cm (B) 5 × 2 × 1 cm  
 (C) 12.5 × 10 × 2.5 cm (D) 7.5 × 5 × 2.5 cm.
23. For effective sterilization, steam in an autoclave should be at a pressure of 15 pounds per square inch for 30 minutes and at a temperature of:  
 (A) 100°C (B) 110°C (C) 121°C (D) 131°C
24. 500 mg of a drug is order. It is supplied in tablets of 1 mg per tablet. How many tablets should be administered?  
 (A) 0.5 tablet (B) 1 tablet (C) 1.5 tablets (D) 2 tablets
25. Nurse should be aware that which of the following medication is never given directly intravenously as a safety alert:  
 (A) Calcium gluconate (B) Dextrose (C) Lasix (D) Potassium chloride.
26. Which of the following can be detected by Benedict's test in a urine sample?  
 (A) Protein (B) Bile salt (C) Glucose (D) Ketone.
27. While measuring blood pressure in upper arm, the chest piece of stethoscope is placed over which of the following arteries?  
 (A) Ulnar (B) Radial (C) Brachial (D) Axillary.
28. For what purpose Paraffin bath is used?  
 (A) Burn (B) Rheumatoid arthritis (C) Abdominal distension (D) Oedema.
29. The angle of the syringe and needle for intramuscular injections is:  
 (A) 90° (B) 45° (C) 15° (D) 10°.

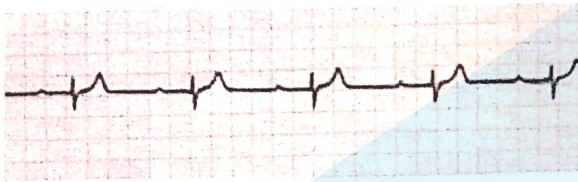
30. When a drug is to be given at bed time, which of the following coded instruction is used?  
 (A) sos (B) od (C) hs (D) ac.
31. Where does catheter inserted through, for left sided cardiac catheterization?  
 (A) Antecubital vein (B) Radial vein (C) Femoral artery (D) Femoral vein.
32. The term used to describe blood in the urine.  
 (A) Glycosuria (B) Hematuria (C) Pyuria (D) Albuminuria.
33. Which of the following drugs that causes expulsion of gas from the intestinal tract:  
 (A) Laxative (B) Cathartics (C) Carminatives (D) Astringent.
34. What is known as X-ray study of the fallopian tube?  
 (A) Sonography (B) Cholecystoscopy (C) Myelography (D) Salpingography.
35. What is the colour coding of nitrous oxide cylinder?  
 (A) Red (B) French blue  
 (C) Black with white shoulders (D) Black.
36. At what time blood sample should be collected from the patient with malaria.  
 (A) When temperature is normal (B) When fever is just started  
 (C) After taking meal (D) At the high level of fever.
37. Frozen DPT vaccine should be:  
 (A) Brought to room temperature before use. (B) Discarded  
 (C) Allowed to melt before use (D) Shaken thoroughly before use.
38. Needles, syringes, scalpels and blades are disposed in:  
 (A) Black bag (B) Blue bag (C) Yellow bag (D) Red bag.
39. Correct method for calculating EDD:  
 (A) Last day of first period + 280 days (B) Last day of last menstrual period + 280 days  
 (C) 1<sup>st</sup> day of last menstrual period + 200 days (D) 1<sup>st</sup> day of last menstrual period + 280 days + 7 days.
40. Which position used in laparoscopic sterilization, female should be placed in:  
 (A) Lithotomy position (B) Left lateral position (C) Supine position (D) Knee chest position.

41. What is the instrument shown below?

- (A) Urethral dilator
- (B) Tracheal dilator
- (C) Aneurysm needle
- (D) None of the above



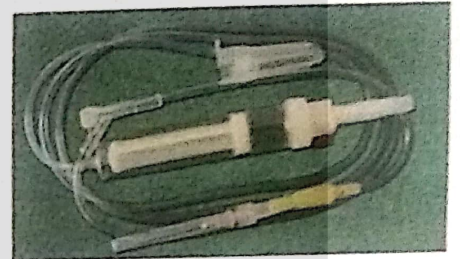
42. What does the following ECG indicates?



- (A) Complete heart block
- (B) First degree heart block
- (C) Second degree heart block
- (D) Third degree heart block

43. What is this?

- (A) Intravenous fluid infusion set
- (B) Blood set
- (C) Arterial line
- (D) CVP line



44. The physician is examining the patient's abdomen to diagnose possible \_\_\_\_\_.

- (A) Cullen's sign
- (B) Ulcerative colitis
- (C) Appendicitis
- (D) Diverticulitis



45. Identify the symbol shown in photograph

- (A) Recyclable waste
- (B) Biohazard waste
- (C) E-waste
- (D) Food waste



46. The test done in the picture is to test the patency of:

- (A) Ulnar artery
- (B) Radial artery
- (C) Ulnar vein
- (D) Radial vein



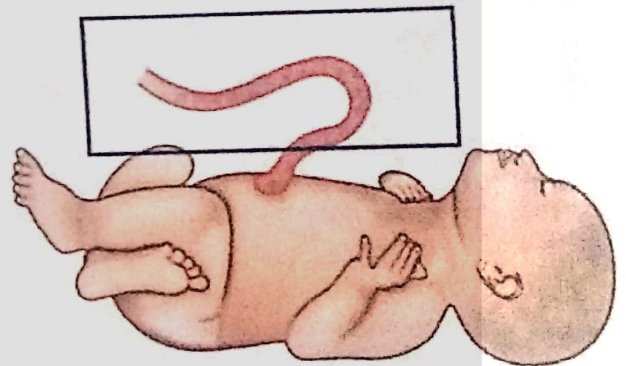
47. Identify the strip shown in the photograph

- (A) Combined OCP
- (B) Iron Folic acid tablets
- (C) DOTS
- (D) MDT



48. Cut-section of Structure shown in the photograph contains

- (A) 1 artery, 2 veins
- (B) 2 artery, 2 veins
- (C) 2 artery, 1 vein
- (D) 1 artery, 1 vein



49. Injection technique shown in figure is used to administer?

- (A) BCG
- (B) Measles
- (C) Hepatitis B
- (D) Japanese Encephalitis



50. What of the following can be monitored using this tape?



- (A) Nutritional status
- (B) Ascites
- (C) Skull growth
- (D) Height

51. Which of the following is a common symptom of lung cancer?  
 (A) Cough or change in a chronic cough  
 (B) Wheezing sound on inspiration  
 (C) Foamy, blood-tinged sputum  
 (D) Dyspnea on exertion
52. Risk factors for breast cancer include?  
 (A) Young age  
 (B) Young age at menopause  
 (C) Young age at first births  
 (D) Young age at menarche
53. A client is admitted with a burn injury to both of his upper extremities. What is the total body surface area (TBSA) affected for this patient, according to rule of nine?  
 (A) 9%  
 (B) 18%  
 (C) 36%  
 (D) 27%
54. The IV fluid of choice in a patient with severe dehydration  
 (A) 5% Dextrose  
 (B) Dextrose Normal Saline (DNS)  
 (C) IV albumin  
 (D) Ringer Lactate
55. The main function of kidney is to  
 (A) Eliminate oxygen  
 (B) Regulate fluid balance and removing waste products  
 (C) Metabolize vitamins  
 (D) Eliminate carbon dioxide
56. Connection between artery and vein is known as.....  
 (A) Capillaries  
 (B) Arterioles  
 (C) Venules  
 (D) Lymph
57. Characteristic feature of skin in a dehydrated patient include  
 (A) Warm and dry  
 (B) Loss of elasticity  
 (C) Pigmented skin  
 (D) Both A and B
58. Earliest sign of glaucoma is.....  
 (A) Double vision  
 (B) Halos around lights  
 (C) Blurred vision  
 (D) Headache
59. Method of choice to remove ear wax is.....  
 (A) Mineral oils  
 (B) Cotton swab applicator  
 (C) Warm normal saline irrigation  
 (D) Otoscope
60. The most common site of occurring peptic ulcers in stomach:  
 (A) Pyloric portion  
 (B) Cardiac portion  
 (C) Esophageal junction  
 (D) Body of the stomach
61. Mr. Hari was complaining about the pain at his right hypochondriac region which refers to a region of the  
 (A) Head  
 (B) Thorax  
 (C) Abdomen  
 (D) Upper limb
62. Purposes of traction include  
 (A) Used in the treatment of fracture  
 (B) It helps to reduce muscle spasm and contracture  
 (C) Helps in internal reduction  
 (D) Both A and B
63. Abnormal hardening of bone and an elevation in bone density is known as  
 (A) Osteoporosis  
 (B) Osteopetrosis  
 (C) Osteomalacia  
 (D) Arthritis

64. During blood transfusion therapy patient developed wheezing and her skin becomes flushed with hives. These are the characteristics of.....
- (A) Hemolytic reaction      (B) Allergic reaction      (C) Transfusion reaction      (D) Thrombotic crisis
65. What is the most appropriate nursing intervention while treating a laceration?
- (A) Monitor blood pressure  
(C) Apply pressure dressing and heat
- (B) Elevate the body part  
(D) Apply pressure dressing and ice pack
66. A person, seeing a rope, takes it to be a snake. This condition is called:
- (A) Depersonalization      (B) Hallucination      (C) Delusion      (D) Illusion
67. Hypnotic drugs are used to treat:
- (A) Psychosis  
(C) Narcolepsy
- (B) Sleep disorders  
(D) Parkinsonian disorders
68. False sensory perceptions with no basis in reality are known as:
- (A) Hallucinations      (B) Delusions      (C) Loose associations      (D) Neologisms
69. Mania is characterized by:
- (A) Paranoid delusion      (B) High self-esteem      (C) Loss of insight      (D) Loss of orientation
70. During the assessment stage, a client with schizophrenia leaves his arm in the air after the nurse has taken his blood pressure. His action shows an evidence of:
- (A) Somatic delusions      (B) Waxy flexibility      (C) Neologisms      (D) Nihilistic delusions
71. Bottle fed babies are more prone than breastfed babies to:
- (A) cough and cold      (B) diarrhea      (C) impetigo      (D) TB
72. The nurse is aware that the most common assessment finding in a child with ulcerative colitis is:
- (A) Intense abdominal cramps  
(C) Anal fissures
- (B) Profuse diarrhea  
(D) Abdominal distention
73. MMR Means.....
- (A) Mother Mortality Ratio  
(C) Maternal Mortality Rate
- (B) Male Mortality Rate  
(D) Male Mortality Ratio
74. Expected weight of one-year old child, when the birth weight is 3.5 kg:
- (A) 7 kg      (B) 6 kg      (C) 9.5 kg      (D) 10.5 kg
75. Identify the incorrect pair among the following:
- (A) BCG-TB-Intradermal      (B) DPT-Pertussis-SC      (C) MMR – Rubella-S/C      (D) OPV-Polio-Oral
76. Which is the best solid food that can be used during the process of weaning?
- (A) Fruits      (B) Vegetables      (C) Egg white      (D) Rice cereals
77. Which babies are at higher risk to have hypothermia?
- (A) Baby with any congenital abnormality  
(C) Healthy baby
- (B) Low birth weight babies  
(D) One year old child.

78. Which of the following conditions is common in pregnant clients in the 2<sup>nd</sup> trimester of pregnancy?  
 (A) Mastitis (B) Metabolic alkalosis (C) Physiologic anemia (D) Respiratory acidosis
79. The diet that is appropriate in normal pregnancy should be high in:  
 (A) Carbohydrates and vitamins (B) Proteins, carbohydrates and fats  
 (C) Fats and minerals (D) Protein, minerals and vitamins
80. Placenta is the organ that provides exchange of nutrients and waste products between mother and fetus. This develops by  
 (A) First month (B) Third month (C) Fifth month (D) Seventh month
81. Which gland is responsible for initiating the menstrual cycle?  
 (A) Ovaries (B) Anterior Pituitary Gland (APG)  
 (C) Posterior pituitary gland (PPG) (D) Hypothalamus
82. When is the best time to achieve pregnancy?  
 (A) Midway between periods (B) Immediately after menses end  
 (C) 14 days before the next period is expected (D) 14 days after the beginning of the next period
83. The most common cause of abortion in first trimester  
 (A) Chromosomal abnormality (B) Trauma  
 (C) Maternal disease (D) RTI
84. Oral contraceptive pills need to be started on.....  
 (A) 1<sup>st</sup> day of menstruation (B) 3<sup>rd</sup> day of menstruation  
 (C) 5<sup>th</sup> day of menstruation (D) 7<sup>th</sup> day of menstruation
85. Which one of the following anti-tuberculosis drugs cannot be given during pregnancy?  
 (A) Rifampicin (B) Ethambutol (C) Streptomycin (D) INH
86. The nurse is providing a teaching session to a client who has ulcerative colitis. The nurse will instruct the client for which diet?  
 (A) Carbohydrate-consistent diet (B) High-calorie, high-protein diet  
 (C) High-calcium and high potassium diet (D) Low-residue, low-fiber diet
87. Patient complains of pain and has redness with swelling at the site of IV. The nurse must  
 (A) Stop infusion and remove IV cannula (B) Start nasal oxygen  
 (C) Change IV tubing and the solution (D) Apply warm moist pack to the reddened area
88. Physician ordered oral as well as nasal suction to a client. You will do suction first in.....  
 (A) Mouth (B) Nose  
 (C) Where the secretion is more (D) Where the secretion is less
89. You are irrigating a draining wound with sterile saline solution. Which of the following would be the most appropriate procedure to follow:  
 (A) Prepare sterile field, put on sterile gloves and remove soiled dressing, wash hands  
 (B) Wash hands, wear clean gloves, remove soiled dressing, remove gloves, wash hands, wear sterile gloves, prepare sterile field  
 (C) Remove soiled dressing, flush wound and wash hands, prepare sterile field  
 (D) Pour solution, wash hands and remove soiled dressing, prepare sterile field

90. A child is to receive dexamethasone (Decadron) intravenously at the ordered dosage of 7.6 mg. The drug concentration in the vial is 4 mg/mL. Which of the following amount would the nurse administer?
- (A) 0.05 mL (B) 0.72 mL (C) 1.9 mL (D) 3.8 mL
91. A child is to receive 500 mL of an I/V solution over 12 hours via tubing that delivers micro drips at 60 drops/mL. The nurse would infuse solution at which of the following rates?
- (A) 42 drops/minute (B) 48 drops/minute (C) 63 drops/minute (D) 84 drops/minute
92. A clinic nurse prepares to administer an MMR (Measles, Mumps, Rubella) vaccine to a five-year-old. The nurse administers this vaccine:
- (A) Intramuscularly in the anterolateral aspect of the thigh  
 (B) Intramuscularly in deltoid muscle  
 (C) Subcutaneously in the outer aspect of the upper arm  
 (D) Subcutaneously in the gluteal muscle
93. A client comes to the clinic with a bleeding nose. Which of the following instruction to the client is most appropriate?
- (A) "Sit up with your head tilted forward. Grasp the soft part of your nose firmly between your thumb and forefinger"  
 (B) "Lay down and tilt your head backward. Grasp the end of your nose between your fingers"  
 (C) "Sit up and lean backwards. Put pressure on the side of your nose with your hand"  
 (D) "Lay down and tilt your head to one side and put pressure on the side of your nose with your hand"
94. The sequence of administration of medications in anesthesia for ECT is:
- (A) Atropine----- thiopentone/methohexitol ----- succinylcholine  
 (B) Succinylcholine-----atropine-----thiopentone/methohexitol  
 (C) Atracurium-----succinylcholine-----atropine  
 (D) Atropine-----succinylcholine-----thiopentone/methohexitol
95. A 20-year-old female complains of sudden onset palpitation and apprehension. She is sweating for last 10 minutes and fears of impending death. Diagnosis is
- (A) Hysteria (B) Generalized Anxiety Disorder  
 (C) Cystic fibrosis (D) Panic attack
96. Pregnant women, who is 4 months pregnant asks the nurse how much and what type of exercise she should get during pregnancy. How should nurse counsel her?
- (A) "Exercise to raise the heart rate above 140 beats/minute for 20 minutes daily"  
 (B) "Perform gentle back-lying exercises for 30 minutes daily".  
 (C) "Try high-intensity aerobics, but limit sessions to 15 minutes daily."  
 (D) "Walk briskly for 10 to 15 minutes daily and gradually increase this time".
97. Appropriate time for TT immunization in a pregnant woman without previous TT immunization is
- (A) At first contact or as early as possible in pregnancy (B) Between 12 and 16 weeks of pregnancy  
 (C) Between 20 and 24 weeks of pregnancy (D) Two weeks before EDD
98. Following DPT immunization a child developed swelling and tenderness at the injection site, a low-grade fever, and malaise. What is the appropriate nursing reaction?
- (A) Ask the parents to take the child to emergency  
 (B) Educate them that this is occurring because of allergy to the vaccine  
 (C) This is the expected reaction and teach them how to manage  
 (D) In future avoid DPT injections to the child
99. The first thing that a nurse must ensure when the baby's head comes out is
- (A) The cord is intact (B) No part of the cord is encircling the baby's neck  
 (C) The cord is still attached to the placenta (D) The cord is still pulsating
100. Onset of true labour pains to full dilatation of cervix indicates.
- (A) First stage of labour (B) II<sup>nd</sup> stage of labour (C) III<sup>rd</sup> stage of labour (D) IV<sup>th</sup> stage of labour