Q1 Q2

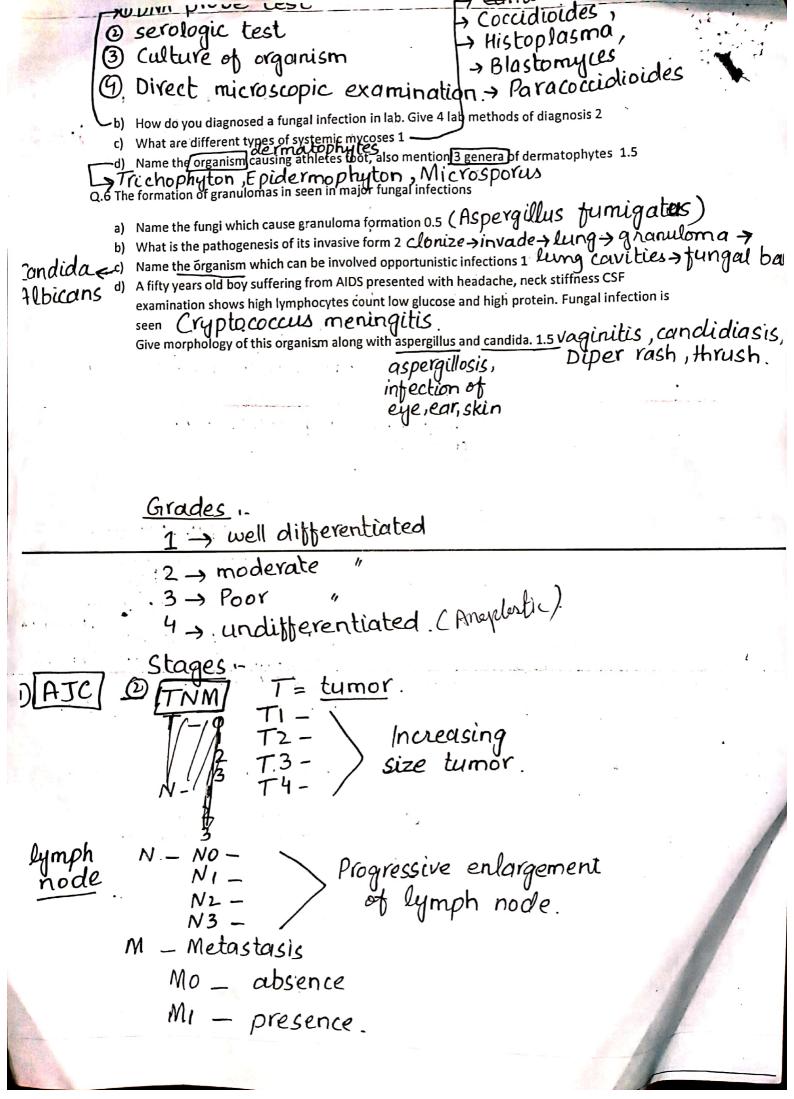
Kashaf Ahmaa 3rdyear MBBS

AZRA NAHEED MEDICAL COLLEGE.

TEST 3RD YEAR MBBS

	TEST S TEAK WIDDS
	NEOPLASIA
	As bestone - lung DATE 5/7/2017 - leukemia Benzene - lung
	Benzene - leukemua Arsenic - lung cancer
	cadmium - Prostate, Nickel-Nose
	Q. A 50 year old man working in factory of plastic pipes has noted weight loss nausea and vomitting over
	the past 5 months Abdominal CT scan shows liver mass showing angiosarcoma of liver
	a) Which chemical carcinogen has led to this tumor 1 vinyl chloride (indirect acting)
in and	b) Names for other chemical agents causing tumors with associated cancer 2
	c) What is difference between direct acting and indirect acting chemical carcinogens give one
	example of each 2 no metabolic (Tab-5-4) P# 199 Conversion
All and a second	Q. 2 A 40 year old female has foul smelling vaginal discharge for 2 weeks. She is a commercial sex
	worker in past. On physical examination there is 3-cm mass in cervix showing features of well
Name of the last	differentiated squamous cell carcinoma
	a) Which oncogenic virus and its geno type is associated with this tumor 1 HPV — DNA virus
	b) Right 2 DNA and 2 RNA oncogenic viruses with associated tumors 2 DNA F HPV
1.	c) How do you grade and stage a tumor 1.5 d) Name 1 staging system 0.5 AJC TNM EBV HBV.
	RNA—HTLV-1, HIVHBC
	Q. 3 What are different types of genes involved in tumor classify them and give 1 example for each 2 Protoonce
	Ly wirowth promoting Covernes
	CT scan, X-roys, MRT 3 Apoptosis RBgenz
	C What are different techniques used in medical practice to diagnose a case of malignancy 15
PSA	Q. 4 a) write down differences between benign and malignant tumors 1.5 Q. 4 a) write down differences between benign and malignant tumors 1.5 P53
rostate	b) Enumerate four tumor markers with associated tumors 2
arcinoma	cushing sundrame Na objection and demand
) CEA	c) Define paraneoplastic syndrome, Give 2 examples 1.5 Anemia.
colon	d) What are different steps of spread of tumors. Seeding of bodycavities
a-fetop	U. 5 A nationt with dishetes presents in the modified ODS with the little Victorial Constitution of the Co
epatoceu	Tother remaile patient who completed course of antihiotics presents with itchy and conjugate in a
200	discharge.
1 hcG	a) What is the likely diagnosis and causative organism in above cases 0.5
horiocar	rcinoma Candida Albicans

Vaginosis, Hrash.



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	AZRA NAHEED MEDICAL COLLEGE
	TEST 3 RD YEAR MBBS
	NEOPLASIA
	DATE 5/2/2019 Time 65 min
	Q. A 50 year old man working in a storage for grains and nuts developed a liver mass. Abdominal CT scan shows liver mass showing hepatocellular carcinoma.
, .	a) Which chemical carcinogen has led to this tumor 1 that chloride. Parsenic, chromion b) Names three other chemical agents causing tumors with associated cancer 1.5 386 Nickle in section.
	Q. 2 Write short notes on
	a) Viral Oncogenesis 2.5 239+234. b) Grading and staging of tumours. 2.5 236
	Q. 3 What are different hall marks of cancer, eneumerate them and give description of any two in detail. 2+3. 205
	Q-4 Describe the mechanism of action of P53, RAS and Rb Gene. 5
	Q-5 What are different techniques used in medical practice to diagnose a case of malignancy 3
191	b) Enumerate four tumor markers with associated tumors 2239 AFP, PSA, CEA, hepot
,	
	B) What are different characteristics of tumours. 3.5 validity normal cell feature, Dr sorganized current
	Q. 6 a) Write down differences between benign and malignant tumors 1.5. 242 B) What are different characteristics of tumours. 3.5 variation from all cell feature, Di sorganized culture of the shape sunstable different modes of spread of tumors and describe the mechanism of spread of tumors 221 actions 1.5+3.5
	Q-8 Explain
	a) Paraneoplastic syndrome with examples 2 23 6 b) Choristoma 0.5 c) Hamartoma 0.5 d) Difference between mixed tumour and teratoma 1 191
MX es	e) Four malignant tumours ending with word "oma". 1 > fibiting a code rossing Tumosis - Igan Faliferentiation of a Single P. 192 - Character canaladi noras increasingments
Si re	of palaynchymal cells into an
Sira Sira	Igant differentiation of a single P.192. Characteristic concernational cells into an characteristic concernation of a single P.192. Characteristic concernation of a single P.192. Characteristic concernation of a single P.192. Characteristic characteristic concernation of a single P.192. Characteristic cha
Tes	enternal: - Morde up of varity of parynchal cells
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AZRA NAHEED MEDICAL COLLEGE.

TEST 3RD YEAR MBBS

NEOPLASIA

DATE 5/7/2017

Time 50 min

A 50 year old man working in factory of plastic pipes has noted weight loss nausea and vomitting ove the past 5 months Abdominal CT scan shows liver mass showing <u>angiosarcoma of liver</u>
 a) Which chemical carcinogen has led to this tumor 1 → Vin H Chloride b) Names for other chemical agents causing tumors with associated cancer 2 DY Amna + P c) What is difference between direct acting and indirect acting chemical carcinogens give one example of each 2
2 A 40 year old female has foul smelling vaginal discharge for 2 weeks. She is a commercial sex worker in past. On physical examination there is 3-cm mass in cervix showing features of well differentiated squamous cell carcinoma
 a) Which oncogenic virus and its geno type is associated with this tumor 1 HPV → CeX b) Right 2 DNA and 2 RNA oncogenic viruses with associated tumors 2 c) How do you grade and stage a tumor 1.5 d) Name 1 staging system 0.5
What are different types of genes involved in tumor classify them and give 1 example for each 2
b what is the mechanism of action of P53 gene 1.5
C What are different techniques used in medical practice to diagnose a case of malignancy 1.5
(Q: 4 a) write down differences between benign and malignant tumors 1.5
by Enumerate four tumor markers with associated tumors 2
c) Define paraneoplastic syndrome, Give 2 examples 1.5
What are different steps of spread of tumors.
Q. 5 A patient with diabetes presents in the medical OPD with white exudate on his oral mucosa, and other female patient who completed course of antibiotics presents with itchy and copious vaginal

a) What is the likely diagnosis and causative organism in above cases 0.5 c. albicum

Calcheninin's

discharge.

b) How do you diagnosed a fungal infection in lab. Give 4 lab methods of diagnosis 2 a) Name the fungi which cause granuloma formation 0.5 pe pet jillus > System to b) What is the pathogenesis of its invasive form 2

c) Name the organism which can be do not seen in major fungal infections

d) A feet c) What are different types of systemic mycoses 1 d) Name the organism causing athletes foot, also mention 3 genera of dermatophytes 1.5 Q.6 The formation of granulomas in seen in major fungal infections d) A fifty years old boy suffering from AIDS presented with headache, neck stiffness CSF examination shows high lymphocytes count low glucose and high protein. Fungal infection is seen Give morphology of this organism along with aspergillus and candida. 1.5 6 @ coccidiodomycosis, Histoplas mosis, blastomycosis. D En immunocomprouvised, infait with hemostysis, fevel spread via vasculatille -> Renal Faillde beart pathologies along with sing enhance lesson of boain and nasal Nectoris.



Department of Pathology Azra Naheed Medical College MBBS 3rd Year

Time Allowed: 60 min

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Name: A

Date: 17-7-18

Q.1: Give gross and microscopic differences of benign and malignant tumours (2.5)

What are the characteristics of a malignant cell? (2.5) ν

Q.2. A 50 years old female presented with ovarian mass; what possible ways a tumour can adopt for its spread. 1.5

B) Give Diagrammatic representation of spread of tumours 3.5 3

Q-3 Q. A 50 year old man working in a factory developed mesothelioma along with lung carcinoma

Which chemical carcinogen has led to this tumor 1 A>beste sis

Names four other chemical agents causing tumors with associated cancer 2

What is difference between direct acting and indirect acting chemical carcinogens, Give the role of initiators and promotors. 2

Q. 4 A 40 year old female has foul smelling vaginal discharge for 2 weeks. She is a commercial sex worker in past. On physical examination there is 3-cm mass in cervix showing features of well differentiated squamous cell carcinoma

How do you grade and stage a turnor 2.5

What are different grading and staging systems 2.5

Q. 5 What are different types of genes involved in tumor formation,

A) classify them and give 1 example for each. 3.5

- B) What is the mechanism of action and role of Guardian of genome P53 gene. 1.5
- Q-6.a-What are different techniques used in medical practice to diagnose a case of malignancy. Eneumerate their names. 1
- B) write short notes on 1) paraneoplastic syndromes 2
 - 2) Tumour markers 2
- Q-7 Discuss the role of precursor lesions of cancer. 5